

Global Professional Manufacturer Of Mechanical And Electrical Products



# SHENYUAN

## 2025 Part 1 Product Catalogue



### Permanent Magnet Frequency Conversion Gasoline Generator Alternating Current Electro-Motor

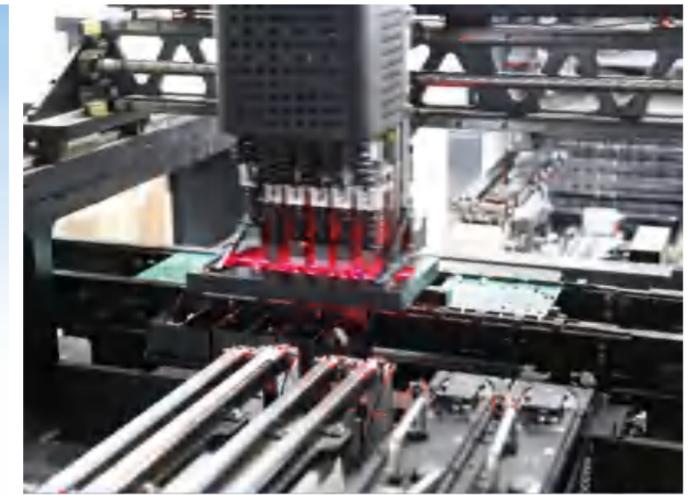


### Shenyuan Electro-Machinery Incorporated Corporation

Add 01: Zeguo Air Compressor Industrial Zone, Wenling city, Zhejiang Province, China.  
Add 02: No.8,St.27th,East New Zone of Wenling City,Taizhou City,Zhejiang,China  
Tel: 0086-576-86402201 86402202  
Fax: 0086-576-86402198  
Http: //www.chinashenyuan.com  
E-mail: sales@chinashenyuan.com

If you have any suggestion and advice, please contact to: service@chinashenyuan.com

### Shenyuan Electro-Machinery Incorporated Corporation



Shenyuan Electro-Machinery Incorporated Corporation was founded in 1995, occupying a space 90,000 square meter manufacture base in Wenling, Zhejiang. Our company now provide all kinds of welding machines, air compressors, high pressure washer, deep well pumps, gasoline engine & pumps.

Shenyuan is a high-tech company with ISO9001:2015 quality management system certification . Products have passed the GS, CE and other international safety certification of EU and other regions.



Our company has our own product intellectual property rights and independent brands, with more than 70 patents for invention and utility models at home and abroad, more than 40 domestic and foreign registered trademarks of Shenyuan brand . "Shenyuan" trademark is recognized as Zhejiang famous brand of export, Zhejiang well-known brand, etc., registered and sold in more than 50 countries in the world.

Our products are exported to over 50 countries in the world, including Poland, Thailand, Argentina and Colombia. Shenyuan is one of biggest suppliers with all kinds of welding machines and air compressors, pumps and in China.

Shenyuan warmly invites customers from every corner of the world to establish long term and win-win business relationship with us.





**Contents**  
COMPREHENSIVE PRODUCT



**Welding Machine SERIES**  
P001-067



**Air Compressor SERIES**  
P068-100



**Gasoline Engine & Generator SERIES**  
P106-116



**Motor SERIES**  
P101-105



# Welding Machine SERIES

Shenyuan Electro-Machinery Incorporated Corporation  
[www.chinashenyuan.com](http://www.chinashenyuan.com)



*Global Professional Manufacturer Of Mechanical And Electrical Products*

## MIG/MMA-Y-M27(1kg) (5kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MIG/MMA-200A-M27 (1kg)

MIG/MMA-250A-M27 (1kg)

MIG/MMA-250A-M27 (5kg)



MODEL	MIG/MMA-200A-M27(1kg)	MIG/MMA-220A-M27(1kg)	MIG/MMA-250A-M27(5kg)	MIG/MMA-280A-M27(5kg)	MIG/MMA-300A-M27(5kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	60	60	60
Current range(A)	40-200	40-220	40-250	40-280	40-300
Rated duty(%)	60%	60%	60%	60%	60%
Input capacity(KVA)	6	6.9	8.3	9.8	10.9
Class of insulation	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	11.5	12	13	13.5	14
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37

## MMA-M27 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-160A-M27 (Size 0.5)

MMA-200A-M27 (Size 1)

MMA-250A-M27 (Size 2)

MMA-300A-M27 (Size 3)



MODEL	MMA-160A-M27	MMA-180A-M27	MMA-200A-M27	MMA-220A-M27	MMA-250A-M27	MMA-300A-M27
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	56	60	60
Current range(A)	30-160	30-180	30-200	30-200	30-250	40-300
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	7.9	9.4	12
Class of insulation	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	5.8	6	6.5
Dimension(cm) 1PC	32×15.5×26	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30
Dimension(cm) 4PCS	66.5×33.5×28	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32

## MMA-M27 TIG/MMA-M27 CUT-M27 Series

IGBT INVERTER TIG/MMA WELDER/PLASMA CUTTER

### Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer, protective mask, carton box
- portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



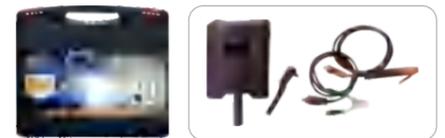
MODEL	TIG/MMA-200A-M27	TIG/MMA-250A-M27	TIG/MMA-300A-M27	CUT-40A-M27
Rated input voltage(V)	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	/
No-load voltage(V)	56	56	56	240
Current range(A)	10-200	10-250	10-300	15-40
Rated duty(%)	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	4.8
Class of insulation	F	F	F	F
Weight(Kg)	6.8	7	7.2	10
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	50.5×24×30

## MMA-M25 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ), improve the efficiency of the whole machine, save energy.
- Pretty appearance, light weight, stable.
- Have the advantage of easily start arc, stable current, perfect molding.
- Adopt all kinds of acidic, alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work, fieldwork, indoor fitment.



MODEL	MMA-160A-M25	MMA-180A-M25	MMA-200A-M25	MMA-250A-M25	MMA-300A-M25	MMA-350A-M25	MMA-400A-M25
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	60	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×15.5×26	37×21×26	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66.5×33.5×28	76.5×44.5×28	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

## TIG/MMA-M25 CUT-M25 Series

IGBT INVERTER TIG/MMA WELDER/PLASMA CUTTER

### Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer, protective mask, carton box
- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	TIG/MMA-180A-M25	TIG/MMA-200A-M25	TIG/MMA-250A-M25	CUT-40A-M25	CUT-50A-M25	CUT-60A-M25
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	/	/	/
No-load voltage(V)	56	56	56	240	240	255
Current range(A)	10-180	10-200	10-250	15-40	15-50	30-60
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	4.8	6.3	7.8
Class of insulation	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	10	12	18
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	50.5×24×30	50.5×24×30	54×25×39

## MIG/MMA-Y-M25(1kg)(5kg)(15kg)Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology, feature optimized design, light effect and energy saving.
- With automatic arc length compensating function, stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece, high efficiency with high current.



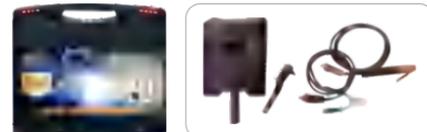
MODEL	MIG/MMA-160A-Y-M25(1kg)	MIG/MMA-180A-Y-M25(1kg)	MIG/MMA-160A-Y-M25(5kg)	MIG/MMA-180A-Y-M25(5kg)	MIG/MMA-200A-Y-M25(5kg)	MIG/MMA-250A-Y-M25(5kg)	MIG/MMA-220A-Y-M25(15kg)	MIG/MMA-315A-Y-M25(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-315
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

## MMA-M26 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A-M26	MMA-180A-M26	MMA-200A-M26	MMA-250A-M26	MMA-300A-M26	MMA-350A-M26	MMA-400A-M26
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×15.5×26	37×21×26	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66.5×33.5×28	76.5×44.5×28	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

## TIG/MMA-M26 CUT-M26 Series

IGBT INVERTER TIG/MMA WELDER/PLASMA CUTTER

### Instruction

- Single-phase,portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for TIG/MMA welding.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories:TIG series TIG torch,earth clamp,brush/hammer,protective mask carton box,TIG/MMA series TIG torch,electrode holder,earth clamp,brush/hammer, protective mask,carton box
- Portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for PLASMA CUTTING.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories CUT torch,earth clamp,carton box.



MODEL	TIG/MMA-180A-M26	TIG/MMA-200A-M26	TIG/MMA-250A-M26	CUT-40A-M26	CUT-50A-M26	CUT-60A-M26
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	/	/	/
No-load voltage(V)	56	56	56	240	240	255
Current range(A)	10-180	10-200	10-250	15-40	15-50	30-60
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	4.8	6.3	7.8
Class of insulation	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	10	12	18
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	50.5×24×30	50.5×24×30	54×25×39

## MIG/MMA-Y-M26(1kg)(5kg)(15kg)Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MIG/MMA-250A-Y-M26  
(15kg)

MIG/MMA-250A-Y-M26  
(5kg)

MIG/MMA-200A-Y-M26  
(5kg)

MIG/MMA-160A-Y-M26  
(1kg)



MODEL	MIG/MMA-160A -Y-M26(1kg)	MIG/MMA-180A -Y-M26(1kg)	MIG/MMA-160A -Y-M26(5kg)	MIG/MMA-180A -Y-M26(5kg)	MIG/MMA-200A -Y-M26(5kg)	MIG/MMA-250A -Y-M26(5kg)	MIG/MMA-220A -Y-M26(15kg)	MIG/MMA-250A -Y-M26(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

## MMA-M19 MINI / MMA-M19 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-160A-M19  
MINI

MMA-160A-M19  
Size 1

MMA-200A-M19  
Size 2



MMA-250A-M19  
Size 3

MMA-350A-M19  
Size 4



MODEL	MMA-160A -M19-MINI	MMA-180A -M19-MINI	MMA-200A -M19-MINI	MMA-160A -M19	MMA-180A -M19	MMA-200A -M19	MMA-250A -M19	MMA-300A -M19	MMA-350A -M19	MMA-400A -M19
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	110	110	110	110	110	110	110	110	110	110
No-load voltage(V)	56	56	56	56	56	56	60	60	65	65
Current range(A)	30-160	30-180	30-200	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.1	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F	F	F	F
Weight(Kg)	3.4	3.6	3.8	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×17×21.5	32×17×21.5	34×17×22	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66×36.5×23.5	66×36.5×23.5	70.5×36.5×24	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

## MMA-M19 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-315A-M19  
Size 4

MMA-400A-M19  
Size 5

MMA-500A-M19  
Size 6



MODEL	MMA-315A-M19	MMA-400A-M19	MMA-500A-M19	MMA-315A-N-M19	MMA-400A-N-M19	MMA-500A-N-M19	DZH-630A-N-M19
Rated input voltage(V)	3~380	3~380	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	65	70	75	68	68	72	72
Current range(A)	40-315	40-400	40-500	40-315	40-400	40-500	40-630
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	12.8	18	25	12.8	18	25	34.7
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	18	19	21	19	20	22	24
Dimension(cm) 1PC	51×25×39	60×32×48.5	64×34×50	60×32×48.5	64×34×50	64×34×50	64×34×50

## TIG/MMA-M19 Series

IGBT INVERTER TIG/MMA WELDER

### Instruction

- Portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for TIG/MMA welding.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories:TIG series TIG torch,earth clamp,brush/hammer,protective mask carton box,TIG/MMA series TIG torch,electrode holder,earth clamp,brush/hammer,
- protective mask,carton box



TIG/MMA-200A-M19  
Size 3

TIG/MMA-315A-M19  
Size 4

TIG/MMA-400A-M19  
Size 5

TIG/MMA-500A-M19  
Size 6



MODEL	TIG/MMA-180A-M19	TIG/MMA-200A-M19	TIG/MMA-250A-M19	TIG/MMA-315A-M19	TIG/MMA-400A-M19	TIG/MMA-315A-N-M19	TIG/MMA-400A-N-M19
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380	3~380
Rated input voltage(V)	1~110	1~110	1~110	/	/	/	/
No-load voltage(V)	56	56	56	60	60	60	60
Current range(A)	10-180	10-200	10-250	10-315	10-400	10-315	10-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	8.9	13	8.9	13
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	26	28	30	32
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	60×32×48.5	64×34×50	60×32×48.5	64×34×50

## CUT-M19 Series

IGBT INVERTER PLASMA CUTTER

### Instruction

- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-M19	CUT-50A-M19	CUT-60A-M19	CUT-80A-M19	CUT-100A-N-M19	CUT-120A-N-M19
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	10	12	18	29	36	37
Dimension(cm) 1PC	50.5×24×30	50.5×24×30	54×25×39	64×34×50	69×34×50	69×34×50

## MIG/MMA-F-M19 Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology, feature optimized design, light effect and energy saving.
- With automatic arc length compensating function, stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece, high efficiency with high current.



MODEL	MIG/MMA-250A-F-M19	MIG/MMA-270A-F-M19	MIG/MMA-280A-F-M19	MIG/MMA-350A-F-M19	MIG/MMA-350A-N-F-M19	MIG/MMA-400A-N-F-M19	MIG/MMA-500A-N-F-M19
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	50-400	50-500
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17	24.4
Class of insulation	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6	1.0-1.6
Weight(Kg)	17	19	24	26	38	42	44
Dimension(cm) 1PC	60×32×48.5	60×32×48.5	64×34×50	64×34×50	64×34×50	64×34×50	96×46×66

## MIG/MMA-Y-M19(1kg)(5kg)(15kg)Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	MIG/MMA-160A-Y-M19(1kg)	MIG/MMA-180A-Y-M19(1kg)	MIG/MMA-160A-Y-M19(5kg)	MIG/MMA-180A-Y-M19(5kg)	MIG/MMA-200A-Y-M19(5kg)	MIG/MMA-250A-Y-M19(5kg)	MIG/MMA-220A-Y-M19(15kg)	MIG/MMA-250A-Y-M19(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

## MIG/MMA-Y-M19(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	MIG/MMA-250A-Y-M19(15kg)	MIG/MMA-270A-Y-M19(15kg)	MIG/MMA-280A-Y-M19(15kg)	MIG/MMA-350A-Y-M19(15kg)	MIG/MMA-350N-Y-M19(15kg)	MIG/MMA-400N-Y-M19(15kg)
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	50-400
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	22	24	29	31	38	42
Dimension(cm) 1PC	62×30×56	62×30×56	65×33×58	65×33×58	65×33×58	65×33×58

## MMA-M18 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A-M18	MMA-180A-M18	MMA-200A-M18	MMA-250A-M18	MMA-315A-M18
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65
Current range(A)	30-160	30-180	30-200	30-250	40-315
Rated duty(%)	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12
Class of insulation	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5
Dimension(cm) 1PC	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30
Dimension(cm) 4PCS	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32

## MMA-M18 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-350A-M18	MMA-400A-M18	MMA-500A-M18	MMA-315A-N-M18	MMA-400A-N-M18	MMA-500A-N-M18	DZH-630A-N-M18
Rated input voltage(V)	3~380	3~380	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	65	70	75	68	68	72	72
Current range(A)	40-350	40-400	40-500	40-315	40-400	40-500	40-630
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	15	18	25	12.8	18	25	34.7
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	18	19	21	19	20	22	24
Dimension(cm) 1PC	51×25×39	60×32×48.5	64×34×50	60×32×48.5	64×34×50	64×34×50	64×34×50

## TIG/MMA-M18 Series

IGBT INVERTER TIG/MMA WELDER

### Instruction

- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer, protective mask, carton box



MODEL	TIG/MMA-180A-M18	TIG/MMA-200A-M18	TIG/MMA-250A-M18	TIG/MMA-315A-M18	TIG/MMA-400A-M18	TIG/MMA-315A-N-M18	TIG/MMA-400A-N-M18
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380	3~380
Rated input voltage(V)	1~110	1~110	1~110	/	/	/	/
No-load voltage(V)	56	56	56	60	60	60	60
Current range(A)	10-180	10-200	10-250	10-315	10-400	10-315	10-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	8.9	13	8.9	13
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	26	28	30	32
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	60×32×48.5	64×34×50	60×32×48.5	64×34×50

## CUT-M18 Series

IGBT INVERTER PLASMA CUTTER

### Instruction

- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-M18	CUT-50A-M18	CUT-60A-M18	CUT-80A-M18	CUT-100A-N-M18	CUT-120A-N-M18
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	10	12	18	29	36	37
Dimension(cm) 1PC	50.5×24×30	50.5×24×30	54×25×39	64×34×50	69×34×50	69×34×50

## MIG/MMA-M18 Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



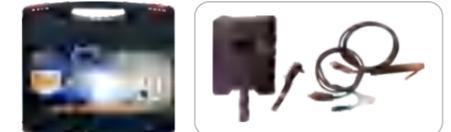
MODEL	MIG/MMA-250A-M18	MIG/MMA-270A-M18	MIG/MMA-280A-M18	MIG/MMA-350A-M18	MIG/MMA-350A-N-M18	MIG/MMA-400A-N-M18
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	17	19	24	26	38	42
Dimension(cm) 1PC	36×22×22.5	60×32×48.5	64×34×50	64×34×50	64×34×50	64×34×50

## MMA-M20 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A-M20	MMA-180A-M20	MMA-200A-M20	MMA-250A-M20	MMA-300A-M20	MMA-350A-M20	MMA-400A-M20
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

## TIG/MMA-M20 CUT-M20 Series

IGBT INVERTER TIG/MMA WELDER/PLASMA CUTTER

### Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer, protective mask, carton box
- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	TIG/MMA-180A-M20	TIG/MMA-200A-M20	TIG/MMA-250A-M20	CUT-40A-M20	CUT-50A-M20	CUT-60A-M20
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	/	/	/
No-load voltage(V)	56	56	56	240	240	255
Current range(A)	10-180	10-200	10-250	15-40	15-50	30-60
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	4.8	6.3	7.8
Class of insulation	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	10	12	18
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	50.5×24×30	50.5×24×30	54×25×39

## MIG/MMA-M20(5kg) Series

## MIG/MMA-M21(5kg/15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology, feature optimized design, light effect and energy saving.
- With automatic arc length compensating function, stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece, high efficiency with high current.



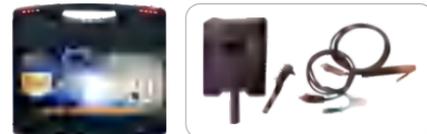
MODEL	MIG/MMA-160A-M20 MIG/MMA-160A-M21-Y(5kg)	MIG/MMA-180A-M20 MIG/MMA-180A-M21-Y(5kg)	MIG/MMA-200A-M20 MIG/MMA-200A-M21-Y(5kg)	MIG/MMA-250A-M20 MIG/MMA-250A-M21-Y(5kg)	MIG-220A-Y-M21(15kg)	MIG-250A-Y-M21(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

## MMA-M21 MINI / MMA-M21 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A-M21-MINI	MMA-180A-M21-MINI	MMA-200A-M21-MINI	MMA-160A-M21	MMA-180A-M21	MMA-200A-M21	MMA-250A-M21	MMA-300A-M21	MMA-350A-M21	MMA-400A-M21
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	110	110	110	110	110	110	110	110	110	110
No-load voltage(V)	56	56	56	56	56	56	60	60	65	65
Current range(A)	30-160	30-180	30-200	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.1	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F	F	F	F
Weight(Kg)	3.4	3.6	3.8	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×17×21.5	32×17×21.5	34×17×22	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66×36.5×23.5	66×36.5×23.5	70.5×36.5×24	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

## TIG/MMA-M21 CUT-M21 Series

IGBT INVERTER TIG/MMA WELDER/PLASMA CUTTER

### Instruction

- Single-phase,portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for TIG/MMA welding.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories:TIG series TIG torch,earth clamp,brush/hammer,protective mask carton box,TIG/MMA series TIG torch,electrode holder,earth clamp,brush/hammer, protective mask,carton box
- Portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for PLASMA CUTTING.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories CUT torch,earth clamp,carton box.



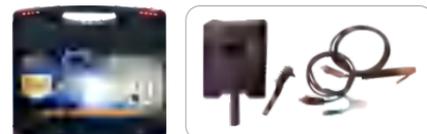
MODEL	TIG/MMA-180A-M21	TIG/MMA-200A-M21	TIG/MMA-250A-M21	CUT-40A-M21	CUT-50A-M21	CUT-60A-M21
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	/	/	/
No-load voltage(V)	56	56	56	240	240	255
Current range(A)	10-180	10-200	10-250	15-40	15-50	30-60
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	4.8	6.3	7.8
Class of insulation	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	10	12	18
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	50.5×24×30	50.5×24×30	54×25×39

## MMA-M22 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A-M22	MMA-180A-M22	MMA-200A-M22	MMA-250A-M22	MMA-300A-M22	MMA-350A-M22	MMA-400A-M22
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	40×23×28	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	82.5×48.5×30	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

## TIG/MMA-M22 CUT-M22 Series

IGBT INVERTER TIG/MMA WELDER/PLASMA CUTTER

### Instruction

- Single-phase,portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for TIG/MMA welding.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories:TIG series TIG torch,earth clamp,brush/hammer,protective mask,cartron box
- Portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for PLASMA CUTTING.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories CUT torch,earth clamp,cartron box.



MODEL	TIG/MMA-180A-M22	TIG/MMA-200A-M22	TIG/MMA-250A-M22	CUT-40A-M22	CUT-50A-M22	CUT-60A-M22
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	/	/	/
No-load voltage(V)	56	56	56	240	240	255
Current range(A)	10-180	10-200	10-250	15-40	15-50	30-60
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	4.8	6.3	7.8
Class of insulation	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	10	12	18
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	50.5×24×30	50.5×24×30	54×25×39

## MMA-21 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-160A-21  
Size 0.5



MMA-180A-21  
Size 1



MMA-200A-21  
Size 2



MMA-250A-21  
Size 3



MMA-350A-21  
Size 4



MODEL	MMA-160A-21	MMA-180A-21	MMA-200A-21	MMA-250A-21	MMA-300A-21	MMA-350A-21	MMA-400A-21
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×15.5×26	37×21×26	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66.5×33.5×28	76.5×44.5×28	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

## MMA-21 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-400A-21  
Size 5

MMA-500A-21  
Size 6

MMA-630A-21  
Size 6



MODEL	MMA-315A-21	MMA-400A-21	MMA-500A-21	MMA-315A-N-21	MMA-400A-N-21	MMA-500A-N-21	DZH-630A-N-21
Rated input voltage(V)	3~380	3~380	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	65	70	75	68	68	72	72
Current range(A)	40-315	40-400	40-500	40-315	40-400	40-500	40-630
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	12.8	18	25	12.8	18	25	34.7
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	18	19	21	19	20	22	24
Dimension(cm) 1PC	51×25×39	60×32×48.5	64×34×50	60×32×48.5	64×34×50	64×34×50	64×34×50

## TIG/MMA-21 Series

IGBT INVERTER TIG/MMA WELDER

### Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer,
- protective mask, carton box



MODEL	TIG/MMA-180A-21	TIG/MMA-200A-21	TIG/MMA-250A-21	TIG/MMA-315A-21	TIG/MMA-400A-21	TIG/MMA-315A-N-21	TIG/MMA-400A-N-21
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380	3~380
Rated input voltage(V)	1~110	1~110	1~110	/	/	/	/
No-load voltage(V)	56	56	56	60	60	60	60
Current range(A)	10-180	10-200	10-250	10-315	10-400	10-315	10-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	8.9	13	8.9	13
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	26	28	30	32
Dimension(cm) 1PC	40×22×29	40×22×29	40×22×29	60×32×48.5	64×34×50	60×32×48.5	64×34×50

## CUT-21 Series

IGBT INVERTER PLASMA CUTTER

### Instruction

- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-21	CUT-50A-21	CUT-60A-21	CUT-80A-21	CUT-100A-N-21	CUT-120A-N-21
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	10	12	18	29	36	37
Dimension(cm) 1PC	43×22×29	43×22×29	54×25×39	64×34×50	69×34×50	69×34×50

## MIG/MMA-F-21 Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MIG/MMA-350A-F-21  
Size 6

MIG/MMA-500A-F-21  
Size 6



MODEL	MIG/MMA-250A-F-21	MIG/MMA-270A-F-21	MIG/MMA-280A-F-21	MIG/MMA-350A-F-21	MIG/MMA-350A-N-F-21	MIG/MMA-500A-N-F-21
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	40-500
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	17	19	24	26	38	42
Dimension(cm) 1PC	60×32×48.5	60×32×48.5	64×34×50	64×34×50	64×34×50	64×34×50

## MIG/MMA-21(1kg)(5kg)(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MIG/MMA-200A-21  
(1kg)

MIG/MMA-250A-21  
(5kg)

MIG/MMA-250A-21  
(15kg)



MODEL	MIG/MMA-160A-21(1kg)	MIG/MMA-180A-21(1kg)	MIG/MMA-160A-21(5kg)	MIG/MMA-180A-21(5kg)	MIG/MMA-200A-21(5kg)	MIG/MMA-250A-21(5kg)	MIG/MMA-220A-21(15kg)	MIG/MMA-250A-21(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

## MIG/MMA-Y-21(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	MIG/MMA-250A -Y-21(15kg)	MIG/MMA-270A -Y-21(15kg)	MIG/MMA-280A -Y-21(15kg)	MIG/MMA-350A -Y-21(15kg)	MIG/MMA-350N -Y-21(15kg)	MIG/MMA-400N -Y-21(15kg)
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	50-400
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	22	24	29	31	38	42
Dimension(cm) 1PC	62×30×56	62×30×56	65×33×58	65×33×58	65×33×58	65×33×58

## WSME-21 Series

IGBT INVERTER TIG/MMA WELDER

### Instruction

- Portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for TIG/MMA welding.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories:TIG series TIG torch,earth clamp,brush/hammer,protective mask carton box,TIG/MMA series TIG torch,electrode holder,earth clamp,brush/hammer,
- protective mask,carton box



MODEL	WSME-200A-21	WSME-250A-21	WSME-315A-21	WSME-400A-21
Rated input voltage(V)	1~230	1~230	3~380	3~380
No-load voltage(V)	68	68	68	75
Current range(A)	10-200	10-250	10-315	10-400
Rated duty(%)	60%	60%	60%	60%
Input capacity(KVA)	4.5	6.2	8.9	13
Class of insulation	F	F	F	F
Weight(Kg)	16	18	18	35
Dimension(cm) 1PC	44×24×42	46×26×44	46×26×44	62×35×52

## MMA-20 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-350A-20  
Size 4



MMA-400A-20  
Size 5



MMA-500A-20  
Size 6



MODEL	MMA-350A-20	MMA-400A-20	MMA-500A-20	MMA-315A-N-20	MMA-400A-N-20	MMA-500A-N-20	DZH-630A-N-20
Rated input voltage(V)	3~380	3~380	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	65	70	75	68	68	72	72
Current range(A)	40-350	40-400	40-500	40-315	40-400	40-500	40-630
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	12.8	18	25	12.8	18	25	34.7
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	18	19	21	19	20	22	24
Dimension(cm) 1PC	51×25×39	60×32×48.5	64×34×50	60×32×48.5	64×34×50	64×34×50	64×34×50

## MMA-20 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-160A-20  
Size 0.5



MMA-180A-20  
Size 1



MMA-200A-20  
Size 2



MMA-250A-20  
Size 3



MMA-400A-20  
Size 4



MODEL	MMA-160A-20	MMA-180A-20	MMA-200A-20	MMA-250A-20	MMA-300A-20	MMA-350A-20	MMA-400A-20
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
No-load voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×15.5×26	37×21×26	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66.5×33.5×28	76.5×44.5×28	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

## TIG/MMA-20 Series

IGBT INVERTER TIG/MMA WELDER

### Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer, protective mask, carton box



MODEL	TIG/MMA-180A-20	TIG/MMA-200A-20	TIG/MMA-250A-20	TIG/MMA-315A-20	TIG/MMA-400A-20	TIG/MMA-315A-N-20	TIG/MMA-500A-N-20
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380	3~380
Rated input voltage(V)	1~110	1~110	1~110	/	/	/	/
No-load voltage(V)	56	56	56	60	60	60	60
Current range(A)	10-180	10-200	10-250	10-315	10-400	10-315	10-500
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	8.9	13	8.9	13
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	26	28	30	32
Dimension(cm) 1PC	40×22×29	40×22×29	40×22×29	60×32×48.5	64×34×50	60×32×48.5	64×34×50

## CUT-20 Series

IGBT INVERTER PLASMA CUTTER

### Instruction

- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-20	CUT-50A-20	CUT-60A-20	CUT-80A-20	CUT-100A-N-20	CUT-120A-N-20
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	10	12	18	29	36	37
Dimension(cm) 1PC	43×22×29	43×22×29	54×25×39	64×34×50	69×34×50	69×34×50

## MIG/MMA-F-20 Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



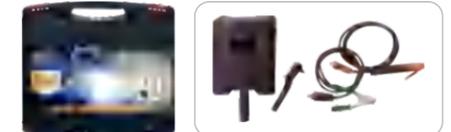
MODEL	MIG/MMA-250A-F-20	MIG/MMA-270A-F-20	MIG/MMA-280A-F-20	MIG/MMA-350A-F-20	MIG/MMA-350A-N-F-20	MIG/MMA-500A-N-F-20
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	40-500
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	17	19	24	26	38	42
Dimension(cm) 1PC	60×32×48.5	60×32×48.5	64×34×50	64×34×50	64×34×50	64×34×50

## MMA-23 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-140A-23	MMA-160A-23	MMA-180A-23	MMA-200A-23	MMA-250A-23	MMA-300A-23
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	56	60	65
Current range(A)	30-140	30-160	30-180	30-200	30-250	40-300
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.5	5.3	6.1	7.0	9.4	12
Class of insulation	F	F	F	F	F	F
Weight(Kg)	4	4.5	5	5.5	6	6.5
Dimension(cm) 1PC	32×15.5×26	32×19×23.5	35×19×23.5	35×19×23.5	36×20.5×24.5	36×20.5×24.5
Dimension(cm) 4PCS	66.5×33.5×28	66.5×40.5×25.5	72.5×40.5×25.5	72.5×40.5×25.5	74.5×43×26.5	74.5×43×26.5

## MIG/MMA-Y-23(1kg)(5kg)(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MIG/MMA-160A-Y-23 (1kg)

MIG/MMA-200A-Y-23 (5kg)

MIG/MMA-200A-Y-23 (5kg)

MIG/MMA-250A-Y-23 (15kg)



MODEL	MIG/MMA-160A-Y-23(1kg)	MIG/MMA-180A-Y-23(1kg)	MIG/MMA-160A-Y-23(5kg)	MIG/MMA-180A-Y-23(5kg)	MIG/MMA-200A-Y-23(5kg)	MIG/MMA-250A-Y-23(5kg)	MIG/MMA-220A-Y-23(15kg)	MIG/MMA-250A-Y-23(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

## MMA-C21 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-160A-C21 MINI

MMA-160A-C21 Size 0.5

MMA-180A-C21 Size 1

MMA-200A-C21 Size 2

MMA-250A-C21 Size 3

MMA-350A-C21 Size 4



MODEL	MMA-160A-C21-MINI	MMA-180A-C21-MINI	MMA-200A-C21-MINI	MMA-160A-C21	MMA-180A-C21	MMA-200A-C21	MMA-250A-C21	MMA-300A-C21	MMA-350A-C21	MMA-400A-C21
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	110	110	110	110	110	110	110	110	110	110
No-load voltage(V)	56	56	56	56	56	56	60	60	65	65
Current range(A)	30-160	30-180	30-200	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.1	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F	F	F	F
Weight(Kg)	3.4	3.6	3.8	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×17×21.5	32×17×21.5	34×17×22	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66×36.5×23.5	66×36.5×23.5	70.5×36.5×24	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

## MIG/MMA-Y-C21(1kg)(5kg)(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	MIG/MMA-160A-Y-C21(1kg)	MIG/MMA-180A-Y-C21(1kg)	MIG/MMA-160A-Y-C21(5kg)	MIG/MMA-180A-Y-C21(5kg)	MIG/MMA-200A-Y-C21(5kg)	MIG/MMA-250A-Y-C21(5kg)	MIG/MMA-220A-Y-C21(15kg)	MIG/MMA-250A-Y-C21(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

## MIG/MMA-Y22(1kg)(5kg)(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	MIG/MMA-160A-Y22(1kg)	MIG/MMA-180A-Y22(1kg)	MIG/MMA-160A-Y22(5kg)	MIG/MMA-180A-Y22(5kg)	MIG/MMA-200A-Y22(5kg)	MIG/MMA-250A-Y22(5kg)	MIG/MMA-220A-Y22(15kg)	MIG/MMA-250A-Y22(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

## MIG/CUT-Y22 Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)  
IGBT INVERTER PLASMA CUTTER

### Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.

### Instruction

- portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for PLASMA CUTTING.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories CUT torch,earth clamp,carton box.



MIG/CUT-280A-Y22  
(5kg)



SUPER-300A-Y22 (5kg)  
(With Air Pump)



MODEL	MIG/CUT-280A-Y22	MIG/CUT-300A-Y22
Rated input voltage(V)	1~230	1~230
Rated input voltage(V)	1~110	1~110
No-load voltage(V)	60	60
Current range(A)	40-280	40-300
Rated duty(%)	60%	60%
Input capacity(KVA)	9.8	10.9
Class of insulation	F	F
Applied welding rod(mm)	0.6-1.0	0.6-1.0
Weight(Kg)	23	33
Dimension(cm) 1PC	52x36x38	55x38x50

## MMA-17 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-160A-17  
Size 1

MMA-200A-17  
Size 2

MMA-250A-17  
Size 3

MMA-350A-17  
Size 4



MODEL	MMA-160A-17	MMA-180A-17	MMA-200A-17	MMA-250A-17	MMA-300A-17	MMA-350A-17	MMA-400A-17
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	37x21x26	40x23x28	40x23x28	43.5x24x30	43.5x24x30	51x25x39	51x25x39
Dimension(cm) 4PCS	76.5x44.5x28	82.5x48.5x30	82.5x48.5x30	89.5x50.5x32	89.5x50.5x32	/	/

## MMA-17 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-315A-17	MMA-400A-17	MMA-500A-17	MMA-315A-N-17	MMA-400A-N-17	MMA-500A-N-17	DZH-630A-N-17
Rated input voltage(V)	3~380	3~380	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	65	70	75	68	68	72	72
Current range(A)	40-315	40-400	40-500	40-315	40-400	40-500	40-630
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	12.8	18	25	12.8	18	25	34.7
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	18	19	21	19	20	22	24
Dimension(cm) 1PC	51×25×39	60×32×48.5	64×34×50	60×32×48.5	64×34×50	64×34×50	64×34×50

## TIG/MMA-17 Series

IGBT INVERTER TIG/MMA WELDER

### Instruction

- Single-phase,portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for TIG/MMA welding.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories:TIG series TIG torch,earth clamp,brush/hammer,protective mask carton box,TIG/MMA series TIG torch,electrode holder,earth clamp,brush/hammer,
- protective mask,carton box



MODEL	TIG/MMA-180A-17	TIG/MMA-200A-17	TIG/MMA-250A-17	TIG/MMA-315A-17	TIG/MMA-400A-17	TIG/MMA-315A-N-17	TIG/MMA-500A-N-17
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380	3~380
Rated input voltage(V)	1~110	1~110	1~110	/	/	/	/
No-load voltage(V)	56	56	56	60	60	60	60
Current range(A)	10-180	10-200	10-250	10-315	10-400	10-315	10-500
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	8.9	13	8.9	13
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	26	28	30	32
Dimension(cm) 1PC	40×22×29	40×22×29	40×22×29	60×32×48.5	64×34×50	60×32×48.5	64×34×50

## CUT-17 Series

IGBT INVERTER PLASMA CUTTER

### Instruction

- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-17	CUT-50A-17	CUT-60A-17	CUT-80A-17	CUT-100A-N-17	CUT-120A-N-17
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	10	12	18	29	36	37
Dimension(cm) 1PC	43×22×29	43×22×29	54×25×39	64×34×50	69×34×50	69×34×50

## MIG/MMA-F-17 Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

### Instruction

- Apply high frequency inverter technology, feature optimized design, light effect and energy saving.
- With automatic arc length compensating function, stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece, high efficiency with high current.



MODEL	MIG/MMA-250A-F-17	MIG/MMA-270A-F-17	MIG/MMA-280A-F-17	MIG/MMA-350A-F-17	MIG/MMA-350A-N-F-17	MIG/MMA-500A-N-F-17
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	40-500
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	17	19	24	26	38	42
Dimension(cm) 1PC	60×32×48.5	60×32×48.5	64×34×50	64×34×50	64×34×50	64×34×50

## WSME-17 Series

IGBT INVERTER TIG/MMA WELDER

### Instruction

- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask, carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer, protective mask, carton box



MODEL	WSME-200A-17	WSME-250A-17	WSME-315A-17	WSME-400A-17
Rated input voltage(V)	1~230	1~230	3~380	3~380
No-load voltage(V)	68	68	68	75
Current range(A)	10-200	10-250	10-315	10-400
Rated duty(%)	60%	60%	60%	60%
Input capacity(KVA)	4.5	6.2	8.9	13
Class of insulation	F	F	F	F
Weight(Kg)	16	18	18	35
Dimension(cm) 1PC	44×24×42	46×26×44	46×26×44	62×35×52

## CUT-17 Series (With Air Pump)

IGBT INVERTER PLASMA CUTTER

### Instruction

- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-N-17	CUT-50A-N-17	CUT-60A-N-17	CUT-80A-N-17	CUT-100A-N-17	CUT-120A-N-17
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	23.5	25	28	38	40	58
Dimension(cm) 1PC	41×30×32	41×30×32	56×33×50	56×33×50	56×33×50	63×35×59

## MMA-C22 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A-C22	MMA-180A-C22	MMA-200A-C22	MMA-250A-C22	MMA-300A-C22	MIG/MMA-160A-C22(1kg)	MIG/MMA-180A-C22(1kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	110	110	110	110	110	1~230	1~230
No-load voltage(V)	56	56	56	60	60	56	56
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-160	40-180
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	4.4	5.2
Class of insulation	F	F	F	F	F	F	F
Applied welding rod(mm)	/	/	/	/	/	0.6-0.8	0.6-0.8
Weight(Kg)	4.5	5	5.5	6	6.5	6.8	7.2
Dimension(cm) 1PC	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	47.5×24×30	47.5×24×30
Dimension(cm) 4PCS	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

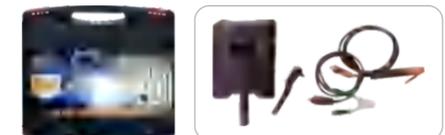
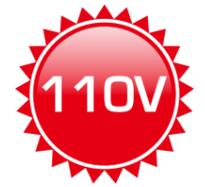
## MIG/MMA-C22 Series

IGBT INVERTER ARC WELDER

IGBT INVERTER MIG/MMA WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.
- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



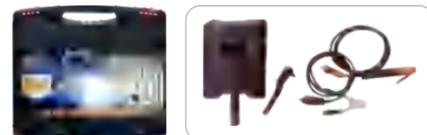
MODEL	MMA-160A-C22	MMA-180A-C22	MMA-200A-C22	MMA-250A-C22	MMA-300A-C22	MIG/MMA-160A-C22(1kg)	MIG/MMA-180A-C22(1kg)
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
Rated input voltage(V)	110	110	110	110	110	110	110
No-load voltage(V)	56	56	56	60	60	56	56
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-160	40-180
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	4.4	5.2
Class of insulation	F	F	F	F	F	F	F
Applied welding rod(mm)	/	/	/	/	/	0.6-0.8	0.6-0.8
Weight(Kg)	4.5	5	5.5	6	6.5	6.8	7.2
Dimension(cm) 1PC	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	47.5×24×30	47.5×24×30
Dimension(cm) 4PCS	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

## MMA-M28 Series

IGBT INVERTER ARC WELDER

### Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A-M28	MMA-200A-M28	MMA-250A-M28
Rated input voltage(V)	1~230	1~230	1~230
Rated input voltage(V)	110	110	110
No-load voltage(V)	56	56	56
Current range(A)	30-160	30-200	30-250
Rated duty(%)	45%	45%	45%
Input capacity(KVA)	5.3	6.1	7.0
Class of insulation	F	F	F
Applied welding rod(mm)	/	/	/
Weight(Kg)	4.5	5	5.5
L*W*H	23*14.5*11CM	23*14.5*11CM	29*18*14CM
Dimension(cm) 1PC	24.5*18*15.5CM	24.5*18*15.5CM	30.5*22.5*19.5CM

## Sheet Metal Repairing Machine



MODEL	SY-8000
Input voltage(V)	220V or 380V (50/60Hz) or 220V/380V
Input power(KVA)	21
Input current(A)	55
MAX	5400A
Output voltage(V)	1-13V
Operation way	Continuously
Welding time	0-99s
mm	0.8+1.2mm
Reg	ABC

## Inverter Battery Charger



MAD-18



MAD-100



MAD-30



MAD-500

MODEL	MAD-20	MAD-30	MAD-40	MAD-50	MAD-100	MAD-400	MAD-500
Input Voltage(HZ)	1PH 220V±15% 50/60HZ						
Battery type	6V/12V/24V	6V/12V/24V	12V/24V	12V/24V	12V/24V	12V/24V	12V/24V
Max current	10A	16A	25A	35A	50A	100A	120A
Max power	370W	384W	600W	840W	1200W	1600W	2000W
L*W*H	15.5*14*7CM	17.5*14.5*8.5CM	23*14.5*11CM	23*14.5*11CM	23*14.5*11CM	29*18*14CM	29*18*14CM
Pack size 1PC	17.5*15.5*9CM	18.5*16.5*11CM	24.5*18*15.5CM	24.5*18*15.5CM	24.5*18*15.5CM	30.5*22.5*19.5CM	30.5*22.5*19.5CM
N.W	0.9KG	1KG	1.4KG	1.45KG	1.65KG	/	/
Master Carton size	37.5*64.5*11CM	39.5*35.5*24.5CM	56.5*51.5*17.5CM	56.5*51.5*17.5CM	56.5*51.5*17.5CM	69.5*63.5*21.5CM	69.5*63.5*21.5CM

## BX1-1 BX1-A BX1-G Series

AC.ARC WELDER

### Instruction

- Single-phase, on-wheels, fan-cooled stick, electrode welding machines for in alternating current(AC).
- Stepless regulation of welding current. This welder uses the normal industrial electrodes which can not only work under 220V but also under 380V, so this welder can be widely used in the factory, shipyard, construction, field, etc.



MODEL	BX1-250A -1	BX1-315A -1	BX1-250A	BX1-315A	BX1-400A	BX1-500A	BX1-630A	BX1-250A -G	BX1-300A -G	BX1-400A -G	BX1-500A -G
Rated input voltage(V)	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380
Rated input voltage(V)	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220
No-load voltage(V)	60	70	60	70	70	70	72	58	60	70	70
Current range(A)	50-250	60-315	50-250	60-315	80-400	100-500	125-630	50-250	60-300	80-400	100-500
Rated duty(%)	35	35	35	35	35	35	35	35	35	35	35
Input capacity(KVA)	15.9	24.3	15.9	24.3	32	38.7	51	15.2	22.8	32	38.7
Class of insulation	F	F	F	F	F	F	F	F	F	F	F
Applied welding rod(mm)	2-5	2-6	2-5	2-6	2.5-6	2.5-6	2.5-6	2-5	2-5	2.5-6	2.5-8
Weight(Kg)	63	80	63	80	95	119	125	56	68	95	119
Dimension(cm) 1PC	50×37×60	50×37×60	50×37×60	63×49×74	63×49×74	63×49×74	61×49×74	50×36×50	60×40×58	65×47×49	65×47×49

## BX7 Series

AC.ARC WELDER

### Instruction

- Single-phase, fan-cooled stick electrode welding machines for MMA-welding in alternating current(AC) stepless regulation of welding current.
- With hermostatic protection. Use the normal welding rod.
- Electrode holder, earth clamp, welding cable.
- Brush/hammer, protective mask, carton box.



BX7-200A

BX7-250A



MODEL	BX7-160A	BX7-180A	BX7-200A	BX7-250A
Rated input voltage(V)	230	230	230	230
Rated input voltage(V)	110	110	110	110
No-load voltage(V)	48	48	48	48
Current range(A)	0-160	0-180	0-200	0-250
Rated duty(%)	20	20	20	20
Input capacity(KVA)	6	8	8	10
Class of insulation	H	H	H	H
Applied welding rod(mm)	2-3.2	2-4	2-4	2-5
Weight(Kg)	17	18	20	21
Dimension(cm) 1PC	47×22×31.5	47×22×31.5	47×22×31.5	47×22×31.5

## BX1-C1/C3/C4 Series

AC.ARC WELDER

### Instruction

- Single-phase, fan-cooled stick electrode welding machines for MMA-welding in alternating current(AC) stepless regulation of welding current.
- With hermostatic protection. Use the normal welding rod.
- Electrode holder, earth clamp, welding cable.
- Brush/hammer, protective mask, carton box.



BX1-250A-C1

BX1-250A-C3

BX1-250A-C4



MODEL	BX1-130A-C1/C3/C4	BX1-160A-C1/C3/C4	BX1-180A-C1/C3/C4	BX1-200A-C1/C3/C4	BX1-250A-C1/C3/C4
Rated input voltage(V)	220/380	220/380	220/380	220/380	220/380
Rated input voltage(V)	110/220	110/220	110/220	110/220	110/220
No-load voltage(V)	48	48	48	48	48
Current range(A)	50-130	70-160	80-180	80-200	90-250
Rated duty(%)	10%	10%	10%	10%	10%
Input capacity(KVA)	5.2	6.4	7.8	8.4	9.6
Class of insulation	H	H	H	H	H
Applied welding rod(mm)	2-3.2	2-3.2	2-4	2-4	2-5
Weight(Kg)	16.5	19	20	21	21.5
Dimension(cm) 1PC	47×26.5×31.5	47×26.5×31.5	47×26.5×31.5	47×26.5×31.5	47×26.5×31.5

## BX6-C/B Series

AC.ARC WELDER

### Instruction

- Tap type transformer,step current adjustment fan cooling,high efficiency and safety.
- Compactness light,portable suitable for home and small factory.
- We have two kinds of transformer one is aluminium,the other is cooper.



BX6-250A-C



BX6-250A-B



MODEL	BX6-160A-C	BX6-200A-C	BX6-250A-C	BX6-300A-C	BX6-160A-B	BX6-200A-B	BX6-250A-B	BX6-300A-B
Rated input voltage(V)	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380
Rated input voltage(V)	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220
No-load voltage(V)	48	48	48	48	48	48	48	48
Current range(A)	60-160	70-200	80-250	90-300	60-160	70-200	80-250	90-300
Rated duty(%)	20	20	20	20	20	20	20	20
Input capacity(KVA)	9.1	12.5	15.9	22.8	9.1	12.5	15.9	22.8
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	2-3.2	2-3.2	2.5-4	2.5-6	2-3.2	2-3.2	2.5-4	2.5-6
Weight(Kg)	20.5	23.5	25	28	20.5	23.5	25	28
Dimension(cm) 1PC	47×21.5×32.5	47×21.5×32.5	47×21.5×32.5	50×24.5×35.5	47×21.5×32.5	47×21.5×32.5	47×21.5×32.5	50×24.5×35.5

## BX6-D Series

AC.ARC WELDER

### Instruction

- Single phase,on-wheel,fan cooled,professional welding machines ,AC stepless regulation of welding current.Suitable for various welding rod.
- The welder wildly used in factory,shipyard,constructing field etc.



BX6-315A-D



BX6-300A



MODEL	BX6-200A-D	BX6-250A-D	BX6-315A-D	BX6-200A	BX6-250A	BX6-300A	BX6-400A	BX6-500A
Rated input voltage(V)	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380
Rated input voltage(V)	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220
No-load voltage(V)	54	54	58	54	54	54	60	62
Current range(A)	70-200	75-250	80-315	70-200	75-250	80-300	90-400	100-500
Rated duty(%)	20%	20%	20%	20%	20%	20%	20%	20%
Input capacity(KVA)	12.5	15.9	18.3	12.5	15.9	22.8	30.4	37.2
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	2-4	2.5-5	2.5-5	2-4	2.5-5	2.5-6	2.5-6	2.5-6
Weight(Kg)	23	25	28	37	41	43	58	62
Dimension(cm) 1PC	38×27×46	38×27×46	38×27×46	55×36×58	55×36×58	55×36×62	61×40×68.5	61×40×68.5

## MIG Series

CO2 SHIELD WELDER

### Instruction

- Alternating current(AC),portable,fan-cooled,thermostatic protection,four pole current adjust
- Suit with flux(gasless)welding wire
- With complete accessory :MIG torch,earth clamp,welding cable,brush/hammer,protective mask,carton box.



MODEL	MIG-100A	MIG-130A	MAG/MIG -105A	MAG/MIG -150A	MAG/MIG -175A	MAG/MIG -195A	MAG/MIG -200A
Rated input voltage(V)	230	230	230	230	230	230	230
Rated input voltage(V)	110	110	110	110	110	110	110
Current range(A)	35-100	50-130	40-105	40-150	40-175	40-195	60-200A
Rated duty(%)	15	15	15	15	15	15	15
Input capacity(KVA)	3%	5%	3.2%	5.3%	6.4%	7.6%	8%
Class of insulation	H	H	H	H	H	H	H
Applied welding rod(mm)	0.6-0.9	0.6-0.9	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	14	16	24	34	36	36	40
Dimension(cm) 1PC	41×21.5×37.5	41×21.5×37.5	47.5×24.5×41	57.5×36×49	57.5×36×49	57.5×36×49	57×36×49

## CB/MAX Series

CHARGER

### Instruction

- Single-phase.Portable.Charging for lead-acid battery with 12/24V,overload protection integrated ampere-meter suit for various motor cars.



MODEL	CB-10	CB-20	CB-30	CB-40	CB-50	MAX-10	MAX-20	MAX-30	MAX-40	MAX-50
Rated input voltage(V)	230	230	230	230	230	230	230	230	230	230
Rated input voltage(V)	110	110	110	110	110	110	110	110	110	110
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Rated capacity(W)	100	200	400	500	600	100	200	400	500	600
Charging voltage(V)	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24
Rated current(A)	6.5	10	20	25	30	6.5	10	20	25	30
Reference capacity(Ah)	20-90	20-200	20-250	20-300	20-400	20-90	20-200	20-250	20-300	20-400
Insulation class	H	H	H	H	H	H	H	H	H	H
Weight(Kg)	4.6	7.3	8.6	9.8	11	4.6	7.3	8.6	9.8	11
Dimension(cm) 1PC	26×19.5×20.5	26×19.5×20.5	29×24×22	29×24×22	29×24×22	22×25×21.5	22×25×21.5	23×28×22.5	23×28×22.5	23×28×22.5

## SUN-1 SUN-2 Series

CHARGER

**Instruction**

- Single-phase. Portable. Charging for lead-acid battery with 12/24V, and suit for all kinds of cars, vans and light trucks.



SUN-450-1



SUN-650-1



BNC-500



MODEL	SUN-250-1	SUN-350-1	SUN-450-1	SUN-550-1	SUN-650-1	BNC-250	BNC-350	BNC-450	BNC-550
Rated input voltage(V)	230	230	230	230	230	230	230	230	230
Rated input voltage(V)	110	110	110	110	110	110	110	110	110
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Charging voltage	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24
Boost current(A)	25	30	40	50	60	25	30	40	50
Rated current(A)	25-40	30-45	40-60	50-75	60-90	25-40	30-45	40-60	50-75
Starting current(A)	140	180	240	300	360	140	180	240	300
Reference capacity(Ah)	20-400	20-500	20-500	20-600	20-600	20-400	20-500	20-500	20-600
Insulation class	H	H	H	H	H	H	H	H	H
Weight(Kg)	13	14.5	16	24	26	13	14.5	16	24
Dimension(cm) 1PC	37×30×60	37×30×60	37×30×60	40.5×33×68	40.5×33×68	36×30.5×61	36×30.5×61	36×30.5×61	42×33.5×63.5

## Air Compressor SERIES

Shenyuan Electro-Machinery Incorporated Corporation  
www.chinashenyuan.com

Permanent Magnet  
Energy Saving  
**30%**  
Frequency Conversion



## Oilfree Silent Air Compressor

Permanent magnet motor



SYW550Y-30L  
SYW750Y-30L



SYW1100Y-50L



MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE	
<b>SHENYUAN</b>	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)	
	SYW550Y-30L	0.55	Φ57.8×2	3500	120	8/116	30	14	50×27×55
	SYW750Y-50L	0.75	Φ57.8×2	3500	160	8/116	30	15	50×27×55
SYW1100Y-50L	1.1	Φ63.7×2	3500	210	8/116	50	20	62×35×64	

## Belt Drive Air Compressor

Permanent magnet motor



ZY-0.036/8



VY-0.12/8  
VY-0.17/8  
VY-0.25/8



VY-0.36/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE	
<b>SHENYUAN</b>	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)	
	ZY-0.036/8	0.6	Φ51	3500	95	8/116	30	40	45×30×60
	VY-0.12/8	0.8	Φ51×2	3500	195	8/116	60	65	80×40×75
VY-0.17/8	1.2	Φ51×2	3500	270	8/116	80	80	95×40×75	
VY-0.25/8	1.6	Φ65×2	3500	395	8/116	100	90	105×40×75	
VY-0.36/8	2.5	Φ65×3	3500	530	8/116	150	112	132×45×82	

## Oil Free Silent Air Compressor



SYW550S-24L  
SYW750S-24L



SYW550S×2-50L  
SYW750S×2-50L

## High Speed Oil Free Air Compressor



SYW980-12L



SYW980-24L  
SYW1080-24L



SYW1680-50L

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
<b>SHENYUAN</b>	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW550S-24L	0.55	Φ63.7×2	1380	85	8/116	24	22	57×25×53
SYW550S×2-50L	0.55×2	Φ63.7×4	1380	170	8/116	50	35	71×32×58
SYW750S-24L	0.75	Φ63.7×2	1380	105	8/116	24	23	57×25×55
SYW750S×2-50L	0.75×2	Φ63.7×4	1380	210	8/116	50	37	71×32×61
SYW980-12L	0.98	Φ57.8×2	2820	120	8/116	12	11	50×18×39
SYW980-24L	0.98	Φ57.8×2	2820	120	8/116	24	15	58×25×53
SYW980×2-50L	0.98×2	Φ57.8×4	2820	240	8/116	50	26	65×29×58
SYW1080-24L	1.08	Φ57.8×2	2820	130	8/116	24	15.5	58×25×53
SYW1080×2-50L	1.08×2	Φ57.8×4	2820	260	8/116	50	28	65×29×58
SYW1680-50L	1.68	Φ63.7×2	2820	210	8/116	50	26	65×29×58

## High Speed Oil Free Air Compressor



SYW1680×2-80L  
SYW1680×2-100L



SYW1680×3-150L



SYW1680×4-200L

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
<b>SHENYUAN</b>	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW1680×2-80L	1.68×2	Φ63.7×4	2820	420	8/116	80	45	86×32×62
SYW1680×2-100L	1.68×2	Φ63.7×4	2820	420	8/116	100	50	100×34×65
SYW1680×3-150L	1.68×3	Φ63.7×6	2820	630	8/116	150	68	107×37×68
SYW1680×4-200L	1.68×4	Φ63.7×8	2820	840	8/116	200	95	137×42×76
SYW1680×5-300L	1.68×5	Φ63.7×10	2820	1050	8/116	300	138	155×47×79

## High Speed Oil Free Air Compressor



SYW980S-24L



SYW1680S-50L



MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW980S-24L	0.98	Φ57.8×2	2820	120	8/116	24	15	58×25×53
SYW980S×2-50L	0.98×2	Φ57.8×4	2820	240	8/116	50	26	65×29×58
SYW1680S-50L	1.68	Φ63.7×2	2820	210	8/116	50	26	65×29×58
SYW1680S×2-100L	1.68×2	Φ63.7×4	2820	420	8/116	100	50	100×34×65
SYW1680S×3-150L	1.68×3	Φ63.7×6	2820	630	8/116	150	68	107×37×68
SYW1680S×4-200L	1.68×4	Φ63.7×8	2820	840	8/116	200	95	137×42×76
SYW1680S×5-300L	1.68×5	Φ63.7×10	2820	1050	8/116	300	138	155×47×79

## High Speed Oil Free Air Compressor



SYW2000-60L



MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW2000-60L	2.0	Φ63.7×2	2820	260	8/116	50	33	68×32×67
SYW2000×2-100L	2.0×2	Φ63.7×4	2820	520	8/116	100	65	105×34×68
SYW2000×3-150L	2.0×3	Φ63.7×6	2820	780	8/116	150	75	110×37×72
SYW2000×4-200L	2.0×4	Φ63.7×8	2820	1080	8/116	200	115	140×42×77

## High Speed Oil Free Air Compressor



SYW1500S-60L  
SYW2500-60L

**NEW style**

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW1500S-60L	1.5	Φ69.7×2	1380	240	8/116	60	36	68×32×69
SYW1500S×2-100L	1.5×2	Φ69.7×4	1380	480	8/116	100	66	105×34×72
SYW1500S×3-150L	1.5×3	Φ69.7×6	1380	720	8/116	150	78	110×37×76
SYW1500S×4-200L	1.5×4	Φ69.7×8	1380	1060	8/116	200	120	140×42×83
SYW2500-60L	2.5	Φ69.7×2	2820	340	8/116	60	37	68×32×69
SYW2500×2-100L	2.5×2	Φ69.7×4	2820	680	8/116	100	67	105×34×72
SYW2500×3-150L	2.5×3	Φ69.7×6	2820	1020	8/116	150	79	110×37×76

## High Speed Oil Free Air Compressor

**NEW style**



SYW850Q-10L-1  
SYW850Q-10L-2



SYA550-12L  
SYA980B-12L



SYB550-10L  
SYB980B-10L



SYC750-12L-2

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW850Q-10L-1	0.85	Φ50.8×2	2820	90	8/116	10	15	30×32×36
SYW850Q-10L-2	0.85	Φ50.8×2	2820	90	8/116	10	15	30×32×36
SYA550-12L	0.55	Φ63.7×2	1380	85	8/116	12	12	36×41×38
SYA980B-12L	0.98×2	Φ57.8×2	2820	120	8/116	12	11	36×41×38
SYB550-10L	550	Φ63.7×2	1380	85	8/116	10	14	36×37×38
SYB980B-10L	0.98	Φ57.8×2	2820	120	8/116	10	13	36×37×38
SYV750-12L-2	0.75	Φ63.7×2	1380	105	8/116	12	25	42×39×52

## High Speed Oil Free Air Compressor



SYW750B-15H  
SYW980B-15H



SYW750B-24H SYW750B-30H  
SYW980B-24H SYW980B-30H



SYW1560B-50H

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
<b>SHENYUAN</b>	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW750B-15H	0.75	Φ50.8×2	2820	80	8/116	15	11	31×31×41
SYW980B-15H	0.98	Φ57.8×2	2820	120	8/116	15	12	31×31×43
SYW750B-24H	0.75	Φ57.8×2	2820	80	8/116	24	13	33×33×49
SYW980B-24H	0.98	Φ57.8×2	2820	120	8/116	24	14	33×33×51
SYW750B-30H	0.75	Φ50.8×2	2820	80	8/116	30	15	36×36×53
SYW980B-30H	0.98	Φ57.8×2	2820	120	8/116	30	17	36×36×55
SYW1560B-50H	1.56	Φ57.8×2	2820	160	8/116	50	25	39×39×68

## High Speed Oil Free Air Compressor



SYW750B-8L  
SYW750B-12L



SYW750B-20L  
SYW750B-24L



SYW980B-20L  
SYW980B-24L

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
<b>SHENYUAN</b>	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW750B-8L	0.75	Φ50.8×2	2820	80	8/116	8	9	43×16×32
SYW750B-12L	0.75	Φ50.8×2	2820	80	8/116	12	10	47×18×35
SYW750B-20L	0.75	Φ50.8×2	2820	80	8/116	20	12	49×21×46
SYW750B-24L	0.75	Φ50.8×2	2820	80	8/116	24	13	51×23×49
SYW980B-20L	0.98	Φ57.8×2	2820	120	8/116	20	13	49×21×48
SYW980B-24L	0.98	Φ57.8×2	2820	120	8/116	24	14	51×23×50

## High Speed Oil Free Air Compressor



SYW980B-50L  
SYW1560B-50L



SYW750B x 2-50L  
SYW980B x 2-50L

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW980B-50L	0.98	Φ57.8×2	2820	120	8/116	50	18	65×29×55
SYW1560B-50L	1.56	Φ57.8×2	2820	160	8/116	50	19	65×29×56
SYW750B×2-50L	0.75×2	Φ50.8×4	2820	160	8/116	50	25	65×29×55
SYW980B×2-50L	0.98×2	Φ57.8×4	2820	240	8/116	50	27	65×29×56
SYW980B×3-100L	0.98×3	Φ57.8×6	2820	360	8/116	100	52	105×34×64
SYW1560B×2-100L	1.56×2	Φ57.8×4	2820	320	8/116	100	48	100×34×65
SYW1560B×3-150L	1.56×3	Φ57.8×6	2820	480	8/116	150	68	107×37×68

## Oilfree Silent Air Compressor



SYW550-24L  
SYW750-35L



SYW750-50LF

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW550-24L	0.55	Φ63.7×2	1380	102	8/116	24	24	43×43×62
SYW750-35L	0.75	Φ63.7×2	1380	125	8/116	35	28	43×43×65
SYW550-35LF	0.55	Φ63.7×2	1380	102	8/116	35	26	43×43×67
SYW750-50LF	0.75	Φ63.7×2	1380	125	8/116	35	31	43×43×67

## Oilfree Silent Air Compressor



SYW550-9



SYW550-24



SYW550×2-50  
SYW750×2-50

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW550-9	0.55	Φ63.7×2	1380	102	8/116	9	14.5	48×21×51
SYW550-24	0.55	Φ63.7×2	1380	102	8/116	24	22	54×25×51
SYW750-30	0.75	Φ63.7×2	1380	125	8/116	30	26	60×25×53
SYW550×2-50	0.55×2	Φ63.7×4	1380	204	8/116	50	35	68×33×58
SYW750×2-50	0.75×2	Φ63.7×4	1380	250	8/116	50	38	68×33×60

## Oilfree Silent Air Compressor



SYW550×3-65  
SYW750×3-85



SYW550×4-150  
SYW750×4-200

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW550×3-65	0.55×3	Φ63.7×6	1380	306	8/116	65	64	99×37×62
SYW750×3-85	0.75×3	Φ63.7×6	1380	375	8/116	85	68	99×37×63
SYW550×4-150	0.55×4	Φ63.7×8	1380	408	8/116	150	89	131×37×67
SYW750×4-200	0.75×4	Φ63.7×8	1380	500	8/116	200	96	138×41×75

## Oilfree Silent Air Compressor



SYW1100-50  
SYW1500-50



SYW1100x3-100L  
SYW1500x3-120L



SYW1100x4-160L  
SYW1500x4-180L

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
<b>SHENYUAN</b>	KW	mm	r/min	L/min	Bar/Psi	L	KG	LxWxH(cm)
SYW1100-50	1.1	Φ63.7×2	1380	180	8/116	50	37	68×31×67
SYW1500-50	1.5	Φ69.7×2	1380	240	8/116	50	38	68×31×67
SYW1100x3-100L	1.1×3	Φ63.7×6	1380	540	8/116	100	100	115×37×79
SYW1500x3-120L	1.5×3	Φ69.7×6	1380	720	8/116	120	110	123×37×79
SYW1100x4-160L	1.1×4	Φ63.7×8	1380	720	8/116	160	125	132×37×79
SYW1500x4-180L	1.5×4	Φ69.7×8	1380	960	8/116	180	135	136×42×83

## Direct Drive Air Compressor



ZA-2020



ZA-2524C  
ZA-2550C



ZA-2024 ZA-2050  
ZA-2524 ZA-2550

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
<b>SHENYUAN</b>	KW	mm	r/min	L/min	Bar/Psi	L	KG	LxWxH(cm)
ZA-2020	1.5/1.1	Φ42	2800	124	8/116	20	18.5	54*24*55
ZA-2024	2/1.5	Φ42	2800	135	8/116	24	20	56*25*60
ZA-2524	2.5/1.8	Φ47	2800	185	8/116	24	22	56*25*60
ZA-2050	2/1.5	Φ42	2800	135	8/116	50	29	68*31*66
ZA-2550	2.5/1.8	Φ47	2800	185	8/116	50	30	68*31*66
ZA-2524C	2.5/1.8	Φ47	2800	185	8/116	24	22	56*25*60
ZA-2550C	2.5/1.8	Φ47	2800	185	8/116	50	30	68*31*66

## Direct Drive Air Compressor



ZB-2020



ZB-2024 ZB2050  
ZB-2524 ZB2550



ZB-2524C  
ZB-2550C

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
<b>SHENYUAN</b>	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
ZB-2020	1.5/1.1	Φ42	2800	124	8/116	20	18.5	54*24*54
ZB-2024	2/1.5	Φ42	2800	135	8/116	24	20	58*28*58
ZB-2524	2.5/1.8	Φ47	2800	185	8/116	24	22	58*28*58
ZB-2050	2/1.5	Φ42	2800	135	8/116	50	29	68*31*62.5
ZB-2550	2.5/1.8	Φ47	2800	185	8/116	50	30	68*31*62.5
ZB-2524C	2.5/1.8	Φ47	2800	185	8/116	24	22	58*28*58
ZB-2550C	2.5/1.8	Φ47	2800	185	8/116	50	30	68*31*62.5

## Direct Drive Air Compressor



SA0309 SA0320



ZB-2524B  
ZB-2550B



ST-3030  
ST-3050

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
<b>SHENYUAN</b>	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SA0309	1/0.75	Φ42	2800	124	8/116	9	14	47*21*47
SA0320	1/0.75	Φ42	2800	124	8/116	20	18.5	54*23*54
ZB-2524B	2.5/1.8	Φ47	2800	185	8/116	24	22	58*28*58
ZB-2550B	2.5/1.8	Φ47	2800	185	8/116	50	30	68*31*62.5
ST-3030	3/2.2	Φ51	2800	220	8/116	30	26	64*28*58
ST-3050	3/2.2	Φ51	2800	220	8/116	50	34	68*31*65

## Direct Drive Air Compressor



SA2047V SA2048V



SA2042V SA2043V

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE	
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)	
	SA2042V	2/1.5	Φ42×2	2800	260	8/116	40	30	67×34×61
	SA2043V	3/2.2	Φ47×2	2800	375	8/116	50	36	69×33×62
	SA2043V	3/2.2	Φ47×2	2800	375	8/116	100	52	103×34×69
	SA2047V	3/2.2	Φ47×2	2800	350	8/116	50	36	69×33×62
	SA2048V	3.5/2.5	Φ48×2	2800	390	8/116	50	38	69×32×65
	SA2047V	3/2.2	Φ47×2	2800	350	8/116	100	56	103×34×66

## Direct Drive Air Compressor



ZA-2024D  
ZA-2524D



ZA-2050D  
ZA-2550D



ZB-2024D  
ZB-2524D



ZB-2050D  
ZB-2550D

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
ZA-2024D	2/1.5	Φ42	2800	135	8/116	24	20	58×27×61.5
ZA-2524D	2.5/1.8	Φ47	2800	185	8/116	24	22	58×27×61.5
ZA-2050D	2/1.5	Φ42	2800	135	8/116	50	29	68×31×67
ZA-2550D	2.5/1.8	Φ47	2800	185	8/116	50	31	68×31×67
ZB-2024D	2/1.5	Φ42	2800	135	8/116	24	20	58×28×60.5
ZB-2524D	2.5/1.8	Φ47	2800	185	8/116	24	22	58×28×60.5
ZB-2050D	2/1.5	Φ42	2800	135	8/116	50	29	68×31×64
ZB-2550D	2.5/1.8	Φ47	2800	185	8/116	50	31	68×31×64

## Belt Drive Air Compressor



Z-0.17/8A



Z-0.25/8A  
Z-0.3/8A



Z-0.25/8A  
Z-0.3/8A



Z-0.48/8A  
Z-0.6/8A

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE	
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)	
	Z-0.17/8A	2/1.5	Φ55×2	1020	170	8/116	50	53	83×40×74
	Z-0.25/8A	3/2.2	Φ65×2	1020	250	8/116	100	70	106×40×83
	Z-0.25/8A	3/2.2	Φ65×2	1020	250	8/116	150	89	130×42×88
	Z-0.3/8A	3.5/2.5	Φ70×2	1020	300	8/116	150	89	130×42×88
	Z-0.3/8A	3.5/2.5	Φ70×2	1020	300	8/116	200	105	130×46×93
	Z-0.48/8A	5.5/4	Φ80×2	900	480	8/116	200	135	130×46×102
	Z-0.48/8A	5.5/4	Φ80×2	900	480	8/116	300	160	152×52×107
	Z-0.48/8A	5.5/4	Φ80×2	900	480	8/116	500	220	182×61×115
	Z-0.6/8A	5.5/4	Φ90×2	900	600	8/116	200	135	130×46×102
	Z-0.6/8A	5.5/4	Φ90×2	900	600	8/116	300	160	152×52×107
Z-0.6/8A	5.5/4	Φ90×2	900	600	8/116	500	220	182×61×115	

## Screw Air Compressor



SY-SC-3TB  
SY-SC-4TB-V  
SY-SC-7.5TB-V



SY-SC-3B  
SY-SC-7.5B

MODEL	POWER	VOLTAGE	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE	
	KW	V	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)	
	SY-SC-3TB	3	220	2950	430	8/116	100	85	108×45×104
	SY-SC-3B	3	220	2950	430	8/116	\	65	75×45×67
	SY-SC-4TB-V	4	380	3000	760	8/116	150	100	125×45×105
	SY-SC-7.5B	7.5	380	2950	1060	8/116	\	115	85×55×85
SY-SC-7.5TB-V	7.5	380	3000	1100	8/116	200	150	140×50×130	

## Belt Drive Air Compressor



Z-0.036/8



V-0.12/8 V-0.17/8 V-0.25/8



W-0.36/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
Z-0.036/8	1/0.75	Φ51×1	1100	86	8/116	30	34	65×34×58
Z-0.036/8	1/0.75	Φ51×1	1100	86	8/116	40	40	69×36×63
V-0.12/8	1.5/1.1	Φ51×2	980	178	8/116	60	56	95×40×75
V-0.12/8	1.5/1.1	Φ51×2	980	178	8/116	85	69	101×40×77
V-0.17/8	2/1.5	Φ51×2	980	185	8/116	85	70	101×40×77
V-0.17/8	2/1.5	Φ51×2	980	185	8/116	100	83	106×40×78
V-0.25/8	3/2.2	Φ65×2	980	298	8/116	100	90	106×40×78
V-0.25/8	3/2.2	Φ65×2	980	298	8/116	150	96	132×40×80
V-0.25/8	3/2.2	Φ65×2	980	298	8/116	200	110	139×43×85
W-0.36/8	4/3	Φ65×3	940	450	8/116	100	93	117×45×80
W-0.36/8	4/3	Φ65×3	940	450	8/116	150	112	132×45×82
W-0.36/8	4/3	Φ65×3	940	450	8/116	200	127	139×45×88

## Belt Drive Air Compressor



V-0.6/8



W-0.9/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
V-0.6/8	5.5/4	Φ90×2	750	575	8/116	100	98	117×48×82
V-0.6/8	5.5/4	Φ90×2	750	575	8/116	200	156	139×48×90
V-0.6/8	5.5/4	Φ90×2	750	575	8/116	300	180	139×51×95
W-0.9/8	10/7.5	Φ90×3	800	900	8/116	200	176	140×55×93
W-0.9/8	10/7.5	Φ90×3	800	900	8/116	300	205	160×55×98
W-0.9/8	10/7.5	Φ90×3	800	900	8/116	500	270	177×63×116

## Belt Drive Air Compressor



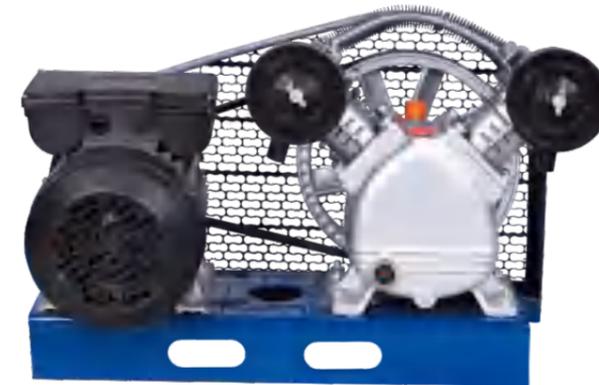
V-1.05/12



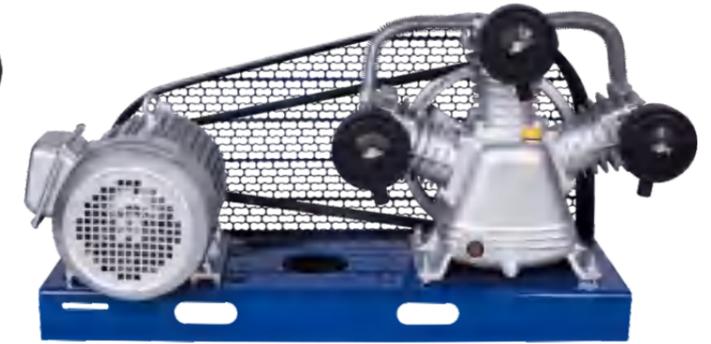
W-1.6/8  
W-2.0/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
<b>SHENYUAN</b>								
V-1.05/12	10/7.5	Φ105×2/Φ55×2	760	1550	12.5/180	300	340	154×61×113
V-1.05/12	10/7.5	Φ105×2/Φ55×2	760	1550	12.5/180	500	400	189×64×125
W-1.6/8	15/11	Φ100×3	750	1600	8/116	300	355	154×61×120
W-1.6/8	15/11	Φ100×3	750	1600	8/116	500	415	189×68×132
W-2.0/8	20/15	Φ120×3	730	2170	8/116	300	375	154×70×128
W-2.0/8	20/15	Φ120×3	730	2170	8/116	500	435	189×70×140

## Other Air Compressor



V-0.12/8



W-0.36/8



SZ1100-10  
SZ1500-10



SZ2065-12

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
<b>SHENYUAN</b>								
V-0.12/8	1.5/1.1	Φ51×2	980	178	8/116	/	31	66×40×41
V-0.17/8	2/1.5	Φ51×2	980	185	8/116	/	33	72×40×42
V-0.25/8	3/2.2	Φ65×2	980	298	8/116	/	36	72×40×42
W-0.36/8	4/3	Φ65×3	940	450	8/116	/	57	90×45×46
V-0.6/8	5.5/4	Φ90×2	750	575	8/116	/	72	90×48×51
W-0.9/8	10/7.5	Φ90×3	800	900	8/116	/	107	104×52×51
SZ1100-10	1.1KW	Φ63.7×2	1380	180	8/116	10	28	51×39×39
SZ1500-10	1.5KW	Φ69.7×2	1380	240	8/116	10	30	51×39×39
SZ2055-12	2/1.5	Φ55×2	1020	170	8/116	12	34	75×43×53
SZ2065-12	3/2.2	Φ65×2	1020	250	8/116	12	38	75×43×53
SZ2070-12	3.5/2.5	Φ70×2	1020	300	8/116	12	40	75×43×53

## Belt Drive Air Compressor (Gasoline Engine)



V-0.12/8-GAS



W-0.36/8-GAS



V-0.6/8-GAS W-0.9/8-GAS



## Vertical Type Air Compressor



ZB-2050L



V-0.25/8-L

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
V-0.12/8-GAS	5.5	Φ51×2	980	110	8/116	100	90	106×40×83
V-0.25/8-GAS	6.5	Φ65×2	980	240	8/116	100	90	106×40×83
W-0.36/8-GAS	7	Φ65×3	940	350	8/116	150	112	132×40×88
V-0.6/8-GAS	13	Φ90×2	750	550	8/116	200	156	139×42×99
W-0.9/8-GAS	13	Φ90×3	800	780	8/116	300	205	160×48×108

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
ZB-2050L	2/1.5	Φ47×1	2800	185	8/116	50	32	38×38×86
ZB-2080L	2/1.5	Φ47×1	2800	185	8/116	80	38	38×38×92
V-0.17/8-L	2/1.5	Φ51×2	980	185	8/116	100	73	58×43×127
V-0.25/8-L	3/2.2	Φ65×2	980	298	298	100	84	58×43×127
W-0.36/8-L	4/3	Φ65×3	940	450	8/116	200	125	62×56×142

## Belt Drive Air Compressor



VA-0.25/8



TA-0.36/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
VA-0.25/8	3/2.2	Φ65×2	1020	250	0.8/116	70	56	94×40×73
VA-0.25/8	3/2.2	Φ65×2	1020	250	0.8/116	100	76	106×40×83
VA-0.25/8	3/2.2	Φ65×2	1020	250	0.8/116	150	96	130×42×86
VA-0.25/8	3/2.2	Φ65×2	1020	250	0.8/116	200	111	130×45×97
TA-0.36/8	4/3	Φ65×3	1050	360	8/116	100	93	106×42×85
TA-0.36/8	4/3	Φ65×3	1050	360	8/116	150	112	130×42×89
TA-0.36/8	4/3	Φ65×3	1050	360	8/116	200	127	130×46×98

## Belt Drive Air Compressor



VA-0.48/8  
VA-0.6/8



TA-0.67/8  
TA-0.9/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
VA-0.48/8	5.5/4	Φ80×2	850	480	8/116	100	116	110×42×96
VA-0.48/8	5.5/4	Φ80×2	850	480	8/116	150	156	130×52×106
VA-0.48/8	5.5/4	Φ80×2	850	480	8/116	200	181	148×52×111
VA-0.6/8	5.5/4	Φ90×2	850	600	8/116	200	156	130×52×106
VA-0.6/8	5.5/4	Φ90×2	850	600	8/116	300	181	148×52×111
TA-0.67/8	7.5/5.5	Φ80×3	950	670	8/116	120	176	130×52×104
TA-0.67/8	7.5/5.5	Φ80×3	950	670	8/116	150	201	148×52×113
TA-0.67/8	7.5/5.5	Φ90×3	950	670	8/116	200	269	182×61×123
TA-0.67/8	7.5/5.5	Φ90×3	950	670	8/116	300	269	182×61×123
TA-0.9/8	10/7.5	Φ90×3	900	900	8/116	170	135	130×52×104
TA-0.9/8	10/7.5	Φ90×3	950	900	8/116	200	176	130×52×104
TA-0.9/8	10/7.5	Φ90×3	950	900	8/116	300	201	148×52×113
TA-0.9/8	10/7.5	Φ90×3	950	900	8/116	500	269	182×61×123

**Spare Parts**



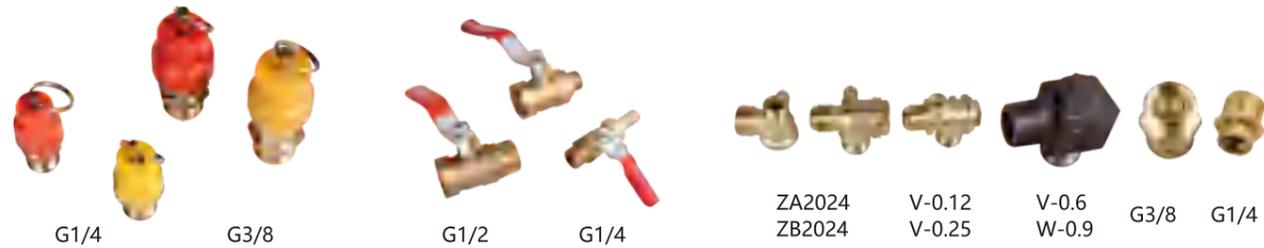
G3/4 G1/2

Breath pipe



Φ60 Φ50 Φ40

Pressure gauge



G1/4 G3/8 G1/2 G1/4 ZA2024 ZB2024 V-0.12 V-0.25 V-0.6 W-0.9 G3/8 G1/4

Safety valve

Ball valve

One-way valve



Muffler



Pressure switch



2.5" 5" 5" 8" 5" 6"

Wheel

**Spare Parts**



ZA2024 ZA2050 ZB2024 ZB2050

Regulator



ZA2024 ZA2050 ZB2024 ZB2050

Switch assembly



ZA2024 ZB2024 51# 65# 80# 90#

Valve plate



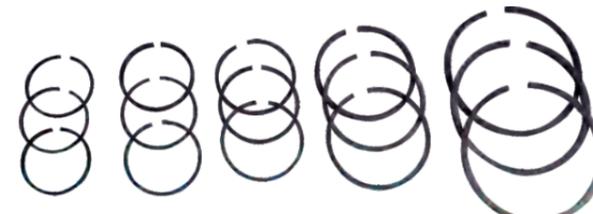
ZA2024 ZB2024 Φ51 Φ65 Φ90

Connecting rod



Φ42 Φ47 Φ51 Φ65 Φ80 Φ90

Piston



Φ42 Φ47 Φ51 Φ65 Φ90

Piston ring



ZB2024 ZA2024 Φ51 Φ65 Φ90

Gasket



Tools kit

## YL<sub>2</sub>/YC<sub>2</sub> Series

SINGLE-PHASE ASYNCHRONOUS MOTORS



### YL<sub>2</sub> series two-value capacitor asynchronous motors

YL<sub>2</sub> series capacitor asynchronous motors are single-phase the motors of capacitor start and run. Main features: mall size high capacity ,strong starting torque , high power factor and efficiency, safety and reliability in running, simple construction and easy maintenance,it possess frame NO.and capacity as three-phase asynchronous motors.

The rated frequency of the motors in 50Hz while the rated voltage is 220V.

This series motors are of totally enclosed fan-cooled structure, class B insulation,IP44 degree of protection and IC411 method of cooling.The mounting dimensions of the motors are all in conformity with IEC standards.Mounting type:IM B3、IM B5、IM B35、IM B14、IM V1、IM V3、IM V5、IM V6、IM V18、IM V19、IM V36. YL series motors are suitable for machines and equipments such as full load start.

### YC<sub>2</sub> series single-phase capacitor-start asynchronous motors

Single-phase capacitor-start asynchronous motor.Series YC<sub>2</sub>,is totally enclosed fan-cooled type.The starting torque of motors is 2-3 times as ratedtorque. The motors give excellent performance such as low in noise,low in temperature-rise,high in overloading capacity and convenience inmaintenance. It may widely application in all types of small machine tools compression pumps refrigerators and the equipment which need bigger starting torque,etc.

They are wonderful utilities for family workshop where only single-phase power are available.

This series motors adopts class B insulation.IP44 degree of protection and IC0141 method of cooling.The rated frequency of the motor is 50Hz whilethe rating voltage is 220V.

The mounting dimensions of the motors are all in conformity with IEC standarde. Mounting

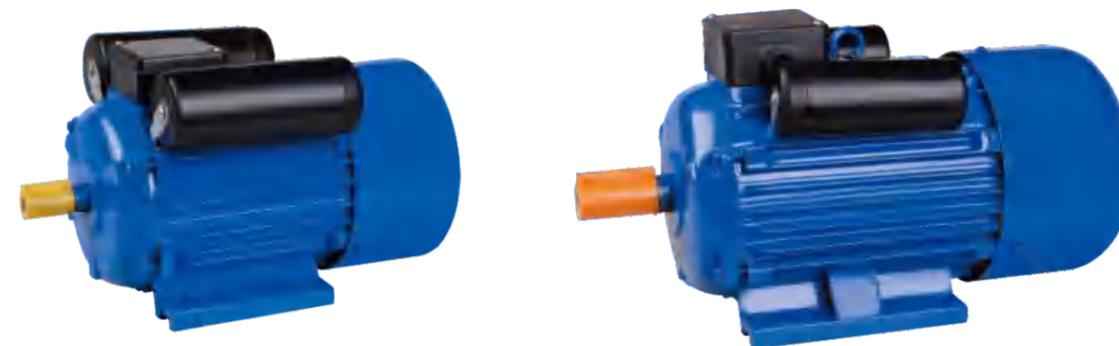
types:IM B3,IM B5,IM B35,IM B14,IM B34,IM V1,IM V3,IM V5,IM V6,IM V18,IM V19,IM V36.

Working conditions: Altitude above sea level not over 1000m, Altitude temperature not over 40°C.

Type	Output (KW)	Speed (r/min)	Amps (A)	Voltage (V)	EFF. (%)	P.F. CosΦ	LRT/RLT	BOT/RLT	LRA	Noise LodB(A)
YL <sub>801-2</sub>	0.75	2800	5.1	220	72	0.92	1.8	1.7	29	75
YL <sub>802-2</sub>	1.1	2800	7.0	220	75	0.95	1.8	1.7	40	75
YL <sub>801-4</sub>	0.55	1400	4.0	220	68	0.92	1.8	1.7	21	70
YL <sub>802-4</sub>	0.75	1400	5.2	220	71	0.92	1.8	1.7	29	70
YL <sub>90S-2</sub>	1.5	2800	9.4	220	76	0.95	1.7	1.7	55	78
YL <sub>90L-2</sub>	2.2	2800	13.7	220	77	0.95	1.7	1.7	80	78
YL <sub>90S-4</sub>	1.1	1400	7.2	220	73	0.95	1.7	1.7	40	73
YL <sub>90L-4</sub>	1.5	1400	9.6	220	75	0.95	1.7	1.7	55	73
YL <sub>100L-2</sub>	3	2800	18.2	220	79	0.95	1.7	1.7	110	83
YL <sub>100L1-4</sub>	2.2	1400	13.9	220	76	0.95	1.7	1.7	80	78
YL <sub>100L2-4</sub>	3	1400	18.6	220	77	0.95	1.7	1.7	110	78
YC <sub>801-2</sub>	0.37	2800	3.4	220	65	0.77	2.8	1.8	21	75
YC <sub>802-2</sub>	0.55	2800	4.7	220	68	0.79	2.8	1.8	29	75
YC <sub>801-4</sub>	0.25	1400	3.1	220	58	0.63	2.8	1.8	15	65
YC <sub>802-4</sub>	0.37	1400	4.2	220	62	0.64	2.5	1.8	21	70
YC <sub>90S-2</sub>	0.75	2800	5.9	220	70	0.80	2.5	1.8	37	75
YC <sub>90L-2</sub>	1.1	2800	8.7	220	72	0.80	2.5	1.8	60	78
YC <sub>90S-4</sub>	0.55	1400	5.5	220	66	0.69	2.5	1.8	29	70
YC <sub>90L-4</sub>	0.75	1400	6.9	220	68	0.73	2.5	1.8	37	70
YC <sub>100L1-2</sub>	1.5	2800	11.4	220	74	0.81	2.5	1.8	80	83
YC <sub>100L2-2</sub>	2.2	2800	16.5	220	75	0.81	2.2	1.8	120	83
YC <sub>100L1-4</sub>	1.1	1400	9.5	220	71	0.74	2.5	1.8	60	73
YC <sub>100L2-4</sub>	1.5	1400	12.5	220	73	0.75	2.5	1.8	80	78
YC <sub>112M-2</sub>	3	2800	21.9	220	76	0.82	2.2	1.8	150	87
YC <sub>112M-4</sub>	2.2	1400	17.8	220	74	0.76	2.2	1.8	120	78

## YL<sub>3</sub>/YC<sub>3</sub> Series

SINGLE-PHASE ASYNCHRONOUS MOTORS



### YL<sub>3</sub> series two-value capacitor asynchronous motors

YL<sub>3</sub> series capacitor asynchronous motors are single-phase the motors of capacitor start and run. Main features: mall size high capacity ,strong starting torque , high power factor and efficiency, safety and reliability in running, simple construction and easy maintenance,it possess frame NO.and capacity as three-phase asynchronous motors.

The rated frequency of the motors in 50Hz while the rated voltage is 220V.

This series motors are of totally enclosed fan-cooled structure, class B insulation,IP44 degree of protection and IC411 method of cooling.The mounting dimensions of the motors are all in conformity with IEC standards.Mounting type:IM B3、IM B5、IM B35、IM B14、IM V1、IM V3、IM V5、IM V6、IM V18、IM V19、IM V36. YL series motors are suitable for machines and equipments such as full load start.

### YC<sub>3</sub> series single-phase capacitor-start asynchronous motors

Single-phase capacitor-start asynchronous motor.Series YC<sub>3</sub>,is totally enclosed fan-cooled type.The starting torque of motors is 2-3 times as ratedtorque. The motors give excellent performance such as low in noise,low in temperature-rise,high in overloading capacity and convenience inmaintenance. It may widely application in all types of small machine tools compression pumps refrigerators and the equipment which need bigger starting torque,etc.

They are wonderful utilities for family workshop where only single-phase power are available.

This series motors adopts class B insulation.IP44 degree of protection and IC0141 method of cooling.The rated frequency of the motor is 50Hz whilethe rating voltage is 220V.

The mounting dimensions of the motors are all in conformity with IEC standarde. Mounting

types:IM B3,IM B5,IM B35,IM B14,IM B34,IM V1,IM V3,IM V5,IM V6,IM V18,IM V19,IM V36.

Working conditions: Altitude above sea level not over 1000m, Altitude temperature not over 40°C.

### Technical date of YL<sub>3</sub>/YC<sub>3</sub> series

Type	Output (KW)	Speed (r/min)	Amps (A)	Voltage (V)	EFF. (%)	P.F. CosΦ	LRT/RLT	BOT/RLT	LRA	Noise LodB(A)	Weight (kg)
YL <sub>801-2</sub>	0.75	2800	5.1	220	72	0.92	1.8	1.7	29	75	14
YL <sub>802-2</sub>	1.1	2800	7.0	220	75	0.95	1.8	1.7	40	75	15
YL <sub>801-4</sub>	0.55	1400	4.0	220	68	0.92	1.8	1.7	21	70	13
YL <sub>802-4</sub>	0.75	1400	5.2	220	71	0.92	1.8	1.7	29	70	14
YL <sub>90S-2</sub>	1.5	2800	9.4	220	76	0.95	1.7	1.7	55	78	22
YL <sub>90L-2</sub>	2.2	2800	13.7	220	77	0.95	1.7	1.7	80	78	24
YL <sub>90S-4</sub>	1.1	1400	7.2	220	73	0.95	1.7	1.7	40	73	21
YL <sub>90L-4</sub>	1.5	1400	9.6	220	75	0.95	1.7	1.7	55	73	23
YL <sub>100L-2</sub>	3	2800	18.2	220	79	0.95	1.7	1.7	110	83	24
YL <sub>100L1-4</sub>	2.2	1400	13.9	220	76	0.95	1.7	1.7	80	78	32
YL <sub>100L2-4</sub>	3	1400	18.6	220	77	0.95	1.7	1.7	110	78	33
YL <sub>112M-2</sub>	3.7	2800	22.1	220	80	0.95	1.7	1.7	130	78	46
YL <sub>112M-4</sub>	3.7	1400	22.4	220	79	0.95	1.7	1.7	130	78	44
YL <sub>132S-2</sub>	5.5	2800	32.5	220	81	0.95	1.7	1.7	190	83	66
YL <sub>132S-4</sub>	5.5	1400	32.9	220	80	0.95	1.7	1.7	190	83	70
YC <sub>801-2</sub>	0.37	2800	3.4	220	65	0.77	2.8	1.8	21	75	13.5
YC <sub>802-2</sub>	0.55	2800	4.7	220	68	0.79	2.8	1.8	29	75	14.5
YC <sub>801-4</sub>	0.25	1400	3.1	220	58	0.63	2.8	1.8	15	65	13.5
YC <sub>802-4</sub>	0.37	1400	4.2	220	62	0.64	2.5	1.8	21	70	14.5
YC <sub>90S-2</sub>	0.75	2800	5.9	220	70	0.80	2.5	1.8	37	75	22
YC <sub>90L-2</sub>	1.1	2800	8.7	220	72	0.80	2.5	1.8	60	78	21
YC <sub>90S-4</sub>	0.55	1400	5.5	220	66	0.69	2.5	1.8	29	70	22
YC <sub>90L-4</sub>	0.75	1400	6.9	220	68	0.73	2.5	1.8	37	70	21
YC <sub>100L1-2</sub>	1.5	2800	11.4	220	74	0.81	2.5	1.8	80	83	31
YC <sub>100L2-2</sub>	2.2	2800	16.5	220	75	0.81	2.2	1.8	120	83	33
YC <sub>100L1-4</sub>	1.1	1400	9.5	220	71	0.74	2.5	1.8	60	73	31
YC <sub>100L2-4</sub>	1.5	1400	12.5	220	73	0.75	2.5	1.8	80	78	32
YC <sub>112M-2</sub>	3	2800	21.9	220	76	0.82	2.2	1.8	150	87	46
YC <sub>112M-4</sub>	2.2	1400	17.8	220	74	0.76	2.2	1.8	120	78	40

# Y2-1 (CAST IRON) Series

## THREE-PHASE ASYNCHRONOUS MOTORS



### General introduction

Y2-1 (cast iron shell) Series three-phase asynchronous motor is specially designed for European market. Whose terminal box is located on the top of motor.

The motor has a very compact structure and attractive appearance, the sizes and mounting dimensions are all in conformity with IEC standard, The motor has some good feature, such as high efficiency, energy-saving. High starting torque and easy maintenance etc.

Insulation class: F Protection

Type: 1P54 or IP55

Voltage: 38V or 415V Frequency: 50Hz or 60Hz

Cooling type: IC 1041

There are three kinds of installation construction for motor

B3: Frame with foot, end shield without flange

B35: Frame with foot, end shield without flange

B5: Frame with foot, end shield without flange;

### Technical Date of Y2-1 Series

NO.	Type	Output (KW)	Amps (A)	Speed (r/min)	EFF. (%)	P.F. CosΦ	LRT RLT	BOT RLA	BOT RLT	Noise LodB(A)	Weight (kg)
1	Y2-1-63M1-2	0.18	0.53	2720	65.0	0.80	2.3	5.5	2.2	61	4.5
2	Y2-1-63M2-2	0.25	0.69	2720	68.0	0.81	2.3	5.5	2.2	61	4.7
3	Y2-1-71M1-2	0.37	1.01	2755	69.0	0.81	2.3	6.1	2.2	64	6
4	Y2-1-71M2-2	0.55	1.38	2790	74.0	0.82	2.3	6.1	2.3	64	6.3
5	Y2-1-80M1-2	0.75	1.77	2845	75.0	0.83	2.2	6.1	2.3	67	16
6	Y2-1-80M2-2	1.1	2.61	2835	76.2	0.84	2.2	6.1	2.3	67	17
7	Y2-1-90S-2	1.5	3.46	2850	78.5	0.84	2.2	6.9	2.3	72	20
8	Y2-1-90L-2	2.2	4.85	2855	81.0	0.85	2.2	7.0	2.3	72	23
9	Y2-1-100L-2	3	6.34	2860	82.6	0.87	2.2	7.0	2.3	76	30
10	Y2-1-112M-2	4	8.2	2880	84.2	0.88	2.2	7.5	2.3	77	41
11	Y2-1-132S1-2	5.5	11.1	2900	85.7	0.88	2.2	7.5	2.3	80	57.5
12	Y2-1-132S2-2	7.5	14.9	2900	87.0	0.88	2.2	7.5	2.3	80	60.5
13	Y2-1-160M1-2	11	21.2	2930	88.4	0.89	2.2	7.5	2.3	86	107
14	Y2-1-160M2-2	15	28.6	2930	89.4	0.89	2.2	7.5	2.3	86	114
15	Y2-1-160L-2	18.5	34.7	2930	90.0	0.90	2.2	7.5	2.3	86	133
16	Y2-1-180M-2	22	41	2940	90.5	0.90	2.0	7.5	2.3	89	165
17	Y2-1-200L1-2	30	55.4	2950	91.4	0.90	2.0	7.5	2.3	92	218
18	Y2-1-200L2-2	37	67.9	2950	92.0	0.90	2.0	7.5	2.3	92	230
19	Y2-1-225M-2	45	82.1	2960	92.5	0.90	2.0	7.5	2.3	92	290
20	Y2-1-250M-2	55	100	2970	93.0	0.90	2.0	7.5	2.3	93	359
21	Y2-1-280S-2	75	135	2975	93.6	0.90	2.0	7.0	2.3	94	475
22	Y2-1-280M-2	90	160	2975	93.9	0.91	2.0	7.1	2.3	94	510
23	Y2-1-315S-2	110	195	2975	94.0	0.91	1.8	7.1	2.2	96	875
24	Y2-1-315M-2	132	233	2975	94.5	0.91	1.8	7.1	2.2	96	963
25	Y2-1-315L1-2	160	282	2975	94.6	0.91	1.8	7.1	2.2	99	1010
26	Y2-1-315L2-2	200	348	2975	94.8	0.92	1.8	7.1	2.2	99	1138
27	Y2-1-315M-2	250	433	2980	95.2	0.92	1.6	7.1	2.2	103	1900
28	Y2-1-315L-2	315	545	2980	95.4	0.92	1.6	7.1	2.2	103	2300
29	Y2-1-63M1-4	0.12	0.44	1310	57	0.72	2.1	4.4	2.2	52	4.5
30	Y2-1-63M2-4	0.18	0.62	1310	60	0.73	2.1	4.4	2.2	52	4.7
31	Y2-1-71M1-4	0.25	0.79	1345	65	0.74	2.1	5.2	2.2	55	6
32	Y2-1-71M2-4	0.37	1.12	1340	67	0.75	2.1	5.2	2.2	55	6.3
33	Y2-1-80M1-4	0.55	1.57	1390	71	0.75	2.4	5.2	2.3	58	15
34	Y2-1-80M2-4	0.75	2.05	1380	73	0.76	2.3	6.0	2.3	58	15.5
35	Y2-1-90S-4	1.1	2.85	1390	76.2	0.77	2.3	6.0	2.3	61	19
36	Y2-1-90L-4	1.5	3.72	1400	78.5	0.78	2.3	6.0	2.3	61	23
37	Y2-1-100L1-4	2.2	5.09	1420	80	0.81	2.3	7.0	2.3	64	29
38	Y2-1-100L2-4	3	6.78	1410	82.6	0.82	2.3	7.0	2.3	64	31
39	Y2-1-112M-4	4	8.8	1435	84.2	0.82	2.3	7.0	2.3	65	42
40	Y2-1-132S-4	5.5	11.7	1440	85.7	0.83	2.3	7.0	2.3	71	63.5

### Technical Date of Y2-1 Series

NO.	Type	Output (KW)	Amps (A)	Speed (r/min)	EFF. (%)	P.F. CosΦ	LRT RLT	BOT RLA	BOT RLT	Noise LodB(A)	Weight (kg)
41	Y2-1-132M-4	7.5	15.6	1450	87	0.84	2.3	7.0	2.3	71	72
42	Y2-1-160M-4	11	22.5	1460	88.4	0.84	2.2	7.0	2.3	75	110
43	Y2-1-160L-4	15	30	1460	89.4	0.85	2.2	7.5	2.3	75	129
44	Y2-1-180M-4	18.5	36.3	1470	90	0.86	2.2	7.5	2.3	76	160
45	Y2-1-180L-4	22	43.2	1470	90.5	0.86	2.2	7.5	2.3	76	178
46	Y2-1-200L-4	30	57.6	1470	91.4	0.86	2.2	7.2	2.3	79	228
47	Y2-1-225S-4	37	70.2	1475	92	0.87	2.2	7.2	2.3	81	288
48	Y2-1-225M-4	45	84.9	1475	92.5	0.87	2.2	7.2	2.3	81	313
49	Y2-1-250M-4	55	103	1480	93	0.87	2.2	7.2	2.3	83	376
50	Y2-1-280S-4	75	138.3	1340	93.6	0.88	2.2	6.8	2.3	86	508
51	Y2-1-280M-4	90	165	1340	93.6	0.88	2.2	6.8	2.3	86	581
52	Y2-1-315S-4	110	201	1480	94.5	0.88	2.1	6.9	2.2	93	846
53	Y2-1-315M-4	132	240	1480	94.8	0.88	2.1	6.9	2.2	93	940
54	Y2-1-315L1-4	160	288	1480	94.9	0.89	2.1	6.9	2.2	97	1044
55	Y2-1-315L2-4	200	360	1480	94.9	0.89	2.1	6.9	2.2	97	1162
56	Y2-1-355M-4	250	443	1490	95.2	0.90	2.1	6.9	2.2	101	1700
57	Y2-1-355L-4	315	559	1490	95.2	0.90	2.1	6.9	2.2	101	1900
58	Y2-1-71M1-6	0.18	0.74	870	56	0.66	1.9	4.0	2.0	52	6
59	Y2-1-71M2-6	0.25	0.95	870	59	0.68	1.9	4.0	2.0	52	6.3
60	Y2-1-80M1-6	0.37	1.3	880	62	0.70	1.9	4.7	2.0	54	15
61	Y2-1-80M2-6	0.55	1.8	880	65	0.72	1.9	4.7	2.1	54	16
62	Y2-1-90S-6	0.75	2.29	905	69	0.72	2.0	5.3	2.1	57	20
63	Y2-1-90L-6	1.1	3.18	905	72	0.73	2.0	5.5	2.1	57	23
64	Y2-1-100L-6	1.5	4	920	76	0.75	2.0	5.5	2.1	61	29
65	Y2-1-112M-6	2.2	5.6	935	79	0.76	2.0	6.5	2.1	65	41
66	Y2-1-132S-6	3	7.4	960	81	0.76	2.1	6.5	2.1	69	59
67	Y2-1-132M1-6	4	9.75	960	82	0.76	2.1	6.5	2.1	69	66
68	Y2-1-132M2-6	5.5	12.9	960	84	0.77	2.0	6.5	2.1	69	76.5
69	Y2-1-160M-6	7.5	17.2	970	86	0.77	2.0	6.5	2.1	73	106
70	Y2-1-160L-6	11	24.5	970	87.5	0.78	2.0	6.5	2.1	73	122
71	Y2-1-180L-6	15	31.6	970	89	0.81	2.0	7.0	2.1	73	167
72	Y2-1-200L1-6	18.5	38.6	980	90	0.81	2.1	7.0	2.1	76	236
73	Y2-1-200L2-6	22	44.7	980	90	0.83	2.0	7.0	2.1	76	247
74	Y2-1-225M-6	30	59.3	980	91.5	0.84	2.0	7.0	2.1	76	287
75	Y2-1-250M-6	37	71	980	92	0.86	2.1	7.0	2.1	78	355
76	Y2-1-280S-6	45	86	980	92.5	0.86	2.1	7.0	2.0	80	444
77	Y2-1-280M-6	55	104	980	92.8	0.86	2.1	7.0	2.0	80	498
78	Y2-1-315S-6	75	142	935	93.5	0.86	2.0	6.7	2.0	85	859
79	Y2-1-315M-6	90	169	935	93.8	0.86	2.0	6.7	2.0	85	950
80	Y2-1-315L1-6	110	207	935	94	0.86	2.0	6.7	2.0	85	1031
81	Y2-1-315L2-6	132	245	935	94.2	0.87	2.0	6.7	2.0	85	1107
82	Y2-1-355M1-6	160	292	990	94.5	0.88	1.9	6.7	2.0	92	1550
83	Y2-1-355M2-6	200	365	990	94.5	0.88	1.9	6.7	2.0	92	1600
84	Y2-1-355L-6	250	457	990	94.5	0.88	1.9	6.7	2.0	92	1700
85	Y2-1-80M1-8	0.18	0.83	645	51	0.61	1.8	3.3	1.9	52	15
86	Y2-1-80M2-8	0.25	1.1	645	54	0.61	1.8	3.3	1.9	52	16
87	Y2-1-90S-8	0.37	1.49	675	62	0.61	1.8	4.0	1.9	56	20
88	Y2-1-90L-8	0.55	2.17	680	63	0.61	1.8	4.0	2.0	56	23
89	Y2-1-100L1-8	0.75	2.43	680	70	0.67	1.8	4.0	2.0	59	29
90	Y2-1-100L2-8	1.1	3.36	680	72	0.69	1.8	5.0	2.0	59	31
91	Y2-1-112M-8	1.5	4.4	690	74	0.70	1.8	5.0	2.0	61	41
92	Y2-1-132S-8	2.2	6.0	710	79	0.71	1.8	6.0	2.0	64	61
93	Y2-1-132M-8	3	7.8	710	80	0.73	1.8	6.0	2.0	64	74
94	Y2-1-160M1-8	4	10.3	720	81	0.73	1.9	6.0	2.0	68	95
95	Y2-1-160M2-8	5.5	13.6	720	83	0.74	1.9	6.0	2.0	68	107
96	Y2-1-160L-8	7.5	17.8	720	85.5	0.75	1.9	6.0	2.0	68	128
97	Y2-1-180L-8	11	25.5	730	87.5	0.75	2	6.5	2.0	70	169
98	Y2-1-200L-8	15	34.1	730	88	0.76	2	6.6	2.0	73	236
99	Y2-1-225S-8	18.5	41.1	730	90	0.76	1.9	6.6	2.0	73	274
100	Y2-1-225M-8	22	48.9	730	90.5	0.78	1.9	6.6	2.0	73	290
101	Y2-1-250M-8	30	63	735	91	0.79	1.9	6.6	2.0	75	370
102	Y2-1-280S-8	37	78</								

## Y Series THREE-PHASE ASYNCHRONOUS MOTORS



### General introduction

Y series motor is a kind of low-voltage three-phase asynchronous motor. Which is a basic series for general uses. This can meet requirements for general uses at home and abroad with frame range 80-315.

Y series has the advantage of high efficiency, energy saving, fine operation performance, small vibration, low noise, long serviced life, high reliability, convenient maintenance, big breakaway torque. Fixing measurement and power grade completely conform to IEC standard. It employs Grande B insulation. IP44 class for shell protection and IC411 cooling mode. The rated voltage and frequency of "Y" series are respectively 380V, 400V, 415V, 440V and 50Hz, 60Hz.

Y series motor is commonly app; ied in machinery and equipment without special requirements, suchas agricultural machinery, food machinery, fan, agitator and air compressor, etc.

Type	Power (KW)	Amps (A)	Speed (r/min)	$\eta$ (%)	Cos $\Phi$	$\frac{Tst}{Tn}$	$\frac{Ist}{In}$	$\frac{Tmin}{Tn}$	$\frac{Tman}{Tn}$
380V 50HZ 2P									
Y80M1-2	0.75	1.8	2830	75.0	0.84	2.2	6.5	1.5	2.3
Y80M2-2	1.1	2.5	2830	77.0	0.86	2.2	7.0	1.5	2.3
Y90S-2	1.5	3.4	2840	78.0	0.85	2.2	7.0	1.5	2.3
Y90L-2	2.2	4.7	2840	80.5	0.86	2.2	7.0	1.4	2.3
Y100L-2	3	6.4	2870	82.0	0.87	2.2	7.0	1.4	2.3
Y112M-2	4	8.2	2890	85.5	0.87	2.2	7.0	1.4	2.3
Y132S1-2	5.5	11	2900	85.5	0.88	2.0	7.0	1.2	2.3
Y132S2-2	7.5	15	2900	86.2	0.88	2.0	7.0	1.2	2.3
Y160M1-2	11	22	2930	87.2	0.88	2.0	7.0	1.2	2.3
Y160M2-2	15	29	2930	88.2	0.88	2.0	7.0	1.2	2.3
Y160L-2	18.5	36	2930	89.0	0.89	2.0	7.0	1.1	2.2
Y180M-2	22	42	2940	89.0	0.89	2.0	7.0	1.1	2.2
Y200L1-2	30	57	2940	90.0	0.89	2.0	7.0	1.1	2.2
Y200L2-2	37	70	2950	90.5	0.89	2.0	7.0	1.1	2.2
Y225M-2	45	84	2970	91.5	0.89	2.0	7.0	1.0	2.2
Y250M-2	55	103	2970	91.5	0.89	2.0	7.0	1.0	2.2
Y280S-2	75	140	2970	92.0	0.89	2.0	7.0	0.9	2.2
Y280M-2	90	167	2970	92.5	0.89	2.0	7.0	0.9	2.2
Y315S-2	110	200	2980	92.5	0.89	1.8	6.8	0.9	2.2
Y315M-2	132	237	2980	93.0	0.89	1.8	6.8	0.9	2.2
Y315L1-2	160	286	2980	93.5	0.89	1.8	6.8	0.9	2.2
Y315L2-2	200	356	2980	93.5	0.89	1.8	6.8	0.8	2.2
380V 50HZ 4P									
Y80M1-4	0.55	1.5	1390	73.0	0.76	2.4	6.0	1.7	2.3
Y80M2-4	0.75	2.0	1390	74.5	0.76	2.3	6.0	1.6	2.3
Y90S-4	1.1	2.8	1400	78.0	0.78	2.3	6.5	1.6	2.3
Y90L-4	1.5	3.7	1400	79.0	0.79	2.3	6.5	1.6	2.3
Y100L1-4	2.2	5.0	1430	81.0	0.82	2.2	7.0	1.5	2.3
Y100L2-4	3	6.8	1430	82.5	0.81	2.2	7.0	1.5	2.3
Y112M-4	4	8.8	1400	84.5	0.82	2.2	7.0	1.5	2.3
Y132S-4	5.5	12	1400	85.5	0.84	2.2	7.0	1.4	2.3
Y132M-4	7.5	15	1400	87.0	0.85	2.2	7.0	1.4	2.3
Y160M-4	11	23	1460	88.0	0.84	2.2	7.0	1.4	2.3
Y160L-4	15	30	1460	88.5	0.85	2.2	7.0	1.4	2.3

# Gasoline Engine & Generator SERIES

Shenyuan Electro-Machinery Incorporated Corporation  
www.chinashenyuan.com



## Electric Water Pump

- Water pump has excellent reliability with environmental protection independent innovation engine;
- Because of unique technology, the rack rust resistance of water pump improved significantly;
- Environmental design, low noise;
- Easy to carry outdoors, suitable for irrigation, high drainage efficiency.



QGZ50

QGZ80

Model	QGZ50	QGZ80	QGZ100
Engine Type	1.1kW	1.5kW	2.2kW
Bore*Stroke(mm)	54*46	54*46	54*46
Displacement(mm)	97.7	97.7	97.7
Compression Ratio	5.6:1	5.6:1	5.6:1
Max Power(KW)	1.2/3600	1.2/3600	1.2/3600
Max Torque(N.m/rpm)	3/2500	3/2500	3/2500
Starting System	Recoil Start/ Electric Start	Recoil Start/ Electric Start	Recoil Start/ Electric Start
Diameter Of Inlet(mm)	50(2 inch)	80(3 inch)	100(4 inch)
Diameter Of Outlet(mm)	50(2 inch)	80(3 inch)	100(4 inch)
Lift(m)	20	20	20
Suction(m)	5-7	5-7	5-7
N.W/G.W(Kg)	14/16	14/16	14/16
Demension(L*W*H)(mm)	355*305*370	420*305*400	420*305*400

## Gasoline Engine Water Pump

- Water pump has excellent reliability with environmental protection independent innovation engine;
- Because of unique technology, the rack rust resistance of water pump improved significantly;
- Environmental design, low noise, low fuel-cost;
- Easy to carry outdoors, suitable for irrigation, high drainage efficiency.



WP-50

WP-80

WP-100

Model	WP-50	WP-80	WP-100	WP-100(188)
Engine Type	170F/P	170F/P	170F/P	188F/P
Bore*Stroke(mm)	70*55	70*55	70*55	70*55
Displacement(mm)	212	212	212	212
Compression Ratio	8.5:1	8.5:1	8.5:1	8.5:1
Max Power(KW)	4.0/3600	4.0/3600	4.0/3600	4.0/3600
Max Torque(N.m/rpm)	12/2500	12/2500	12/2500	12/2500
Fuel Capacity(L)	3.6	3.6	4	6.5
Starting System	Recoil Start/Electric Start	Recoil Start/Electric Start	Recoil Start/Electric Start	Recoil Start/Electric Start
Diameter Of Inlet(mm)	50(2 inch)	80(3 inch)	100(4 inch)	100(4 inch)
Diameter Of Outlet(mm)	50(2 inch)	80(3 inch)	100(4 inch)	100(4 inch)
Lift(m)	26	25	25	25
Suction(m)	5-7	5-7	5-7	5-7
N.W/G.W(Kg)	26/28	28/30	26/30	46/48
Demension(L*W*H)(mm)	530*440*465	530*440*465	530*440*465	640*490*520

## Gasoline Engine Water Pump

- Water pump has excellent reliability with environmental protection independent innovation engine;
- Because of unique technology, the rack rust resistance of water pump improved significantly;
- Environmental design, low noise, low fuel-cost;
- Easy to carry outdoors, suitable for irrigation, high drainage efficiency.



JD-50



JD-80



JD-100

Model	JD-50	JD-80	JD-100
Engine Type	170F/P	170F/P	170F/P
Bore*Stroke(mm)	70*55	70*55	70*55
Displacement(mm)	212	212	212
Compression Ratio	8.5:1	8.5:1	8.5:1
Max Power(KW)	4.0/3600	4.0/3600	4.0/3600
Max Torque(N.m/rpm)	12/2500	12/2500	12/2500
Fuel Capacity(L)	3.6	3.6	4
Starting System	Recoil Start/Electric Start	Recoil Start/Electric Start	Recoil Start/Electric Start
Diameter Of Inlet(mm)	50(2 inch)	80(3 inch)	100(4 inch)
Diameter Of Outlet(mm)	50(2 inch)	80(3 inch)	100(4 inch)
Lift(m)	26	25	25
Suction(m)	5-7	5-7	5-7
N.W/G.W(Kg)	26/28	28/30	26/30
Demension(L*W*H)(mm)	530*440*465	530*440*465	530*440*465

## Gasoline Engine Vibrator & Fire Pump

- Water pump has excellent reliability with environmental protection independent innovation engine;
- Because of unique technology, the rack rust resistance of water pump improved significantly;
- Environmental design, low noise, low fuel-cost;
- Easy to carry outdoors, suitable for irrigation, high drainage efficiency.



SY-ZB50A



SY-ZB50B



WP-50(N)

Model	WP-50(N)	SY-ZB50A	SY-ZB50B
Engine Type	170F/P	170F/P	170F/P
Bore*Stroke(mm)	70*55	70*55	70*55
Displacement(mm)	212	212	212
Compression Ratio	8.5:1	8.5:1	8.5:1
Max Power(KW)	4.0/3600	4.0/3600	4.0/3600
Max Torque(N.m/rpm)	12/2500	12/2500	12/2500
Fuel Capacity(L)	3.6	3.6	3.6
Starting System	Recoil Start/Electric Start	Recoil Start/Electric Start	Recoil Start/Electric Start
Diameter Of Inlet(mm)	50(2 inch)	/	/
Diameter Of Outlet(mm)	50(2 inch)	/	/
Lift(m)	75	/	/
Suction(m)	5-7	/	/
N.W/G.W(Kg)	26/28	/	/
Demension(L*W*H)(mm)	530*440*465	/	/

## Gasoline Generator

- High quality motor, stable output voltage, strong load ability.
- Independent intellectual property rights, professional design, unique style, beautiful appearance, durable, easy to operate.



SYS6500A



SYS3000A

Model	SYS3000A	SYS3600A	SYS4000A	SYS6500A	SYS8500A	SYS10000A	SYS11000A	SYS13000A
Engine Type	170F/P	170F/P	170F/P	188F/P	190F/P	192F/P	194F/P	196F/P
Bore*Stroke(mm)	70*55	70*55	70*55	90*66	90*66	92*66	94*72	96*72
Displacement(mm)	212	212	212	420	420	460	500	520
Compression Ratio	8.5:1	8.5:1	8.5:1	8.0:1	8.0:1	8.0:1	8.0:1	8.0:1
Max Power(KW)	2.2	3	3.2	5.5	7	8	9	11
Rated Power(kW)	2	2.8	3	5	6	7	8	10
The Rated Voltage(V)	230	230	230	230/440	230/440	230/440	230	230
Max Torque(N.m/rpm)	12/2500	12/2500	12/2500	23/2500	23/2500	26/2500	29/2500	33/2500
Fuel Capacity(L)	15	15	15	25	25	25	25	25
Number Of Phase	Single Phase			Single Phase/Three Phases/Equal Power				
Starting System	Recoil Start/ Electric Start			Recoil Start/ Electric Start				
Continuous Working Time(h)	11	10	10	7	7	7	6.5	5.5
N.W/G.W(Kg)	39/44	40/45	41/46	73/80	74/81 76/83	88/94	92/98	95/101
Demension(L*W*H)(mm)	600*445*460	600*445*460	600*445*460	690*530*560	690*530*560	690*570*580	690*570*580	690*570*580

## Gasoline Generator

- High quality motor, stable output voltage, strong load ability.
- Independent intellectual property rights, professional design, unique style, beautiful appearance, durable, easy to operate.



SYS3600B



SYS3000B

Model	SYS3000B	SYS3600B	SYS4000B	SYS6500B	SYS8500B	SYS10000B	SYS11000B	SYS13000B
Engine Type	170F/P	170F/P	170F/P	188F/P	190F/P	192F/P	194F/P	196F/P
Bore*Stroke(mm)	70*55	70*55	70*55	90*66	90*66	92*66	94*72	96*72
Displacement(mm)	212	212	212	420	420	460	500	520
Compression Ratio	8.5:1	8.5:1	8.5:1	8.0:1	8.0:1	8.0:1	8.0:1	8.0:1
Max Power(KW)	2.2	3	3.2	5.5	7	8	9	11
Rated Power(kW)	2	2.8	3	5	6	7	8	10
The Rated Voltage(V)	230	230	230	230/440	230/440	230/440	230	230
Max Torque(N.m/rpm)	12/2500	12/2500	12/2500	23/2500	23/2500	26/2500	29/2500	33/2500
Fuel Capacity(L)	15	15	15	25	25	25	25	25
Number Of Phase	Single Phase			Single Phase/Three Phases/Equal Power				
Starting System	Recoil Start/ Electric Start			Recoil Start/ Electric Start				
Continuous Working Time(h)	11	10	10	7	7	7	6.5	5.5
N.W/G.W(Kg)	39/44	40/45	41/46	73/80	74/81 76/83	88/94	92/98	95/101
Demension(L*W*H)(mm)	600*445*460	600*445*460	600*445*460	690*530*560	690*530*560	690*570*580	690*570*580	690*570*580

## Gasoline Generator

- High quality motor, stable output voltage, strong load ability.
- Independent intellectual property rights, professional design, unique style, beautiful appearance, durable, easy to operate.



SYS3000C



SYS6500C

Model	SYS3000C	SYS3600C	SYS4000C	SYS6500C	SYS8500C	SYS10000C	SYS11000C	SYS13000C
Engine Type	170F/P	170F/P	170F/P	188F/P	190F/P	192F/P	194F/P	196F/P
Bore*Stroke(mm)	70*55	70*55	70*55	90*66	90*66	92*66	94*72	96*72
Displacement(mm)	212	212	212	420	420	460	500	520
Compression Ratio	8.5:1	8.5:1	8.5:1	8.0:1	8.0:1	8.0:1	8.0:1	8.0:1
Max Power(KW)	2.2	3	3.2	5.5	7	8	9	11
Rated Power(kW)	2	2.8	3	5	6	7	8	10
The Rated Voltage(V)	230	230	230	230/440	230/440	230/440	230	230
Max Torque(N.m/rpm)	12/2500	12/2500	12/2500	23/2500	23/2500	26/2500	29/2500	33/2500
Fuel Capacity(L)	15	15	15	25	25	25	25	25
Number Of Phase	Single Phase			Single Phase/Three Phases/Equal Power				
Starting System	Recoil Start/ Electric Start			Recoil Start/ Electric Start				
Continuous Working Time(h)	11	10	10	7	7	7	6.5	5.5
N.W/G.W(Kg)	39/44	40/45	41/46	73/80	74/81 76/83	88/94	92/98	95/101
Demension(L*W*H)(mm)	600*445*460	600*445*460	600*445*460	690*530*560	690*530*560	690*570*580	690*570*580	690*570*580

## Gasoline Engine Agricultural Sprayer



3WZ-30A-(1.3)



3W-26A

Model	3W-26A	3WZ-30A-(1.3)
Power	170F-1	170F-1
Selection pump	3WZ-22/30	3WZ-22/30
Pressure(kg/cm <sup>2</sup> )	15-35	15-35
Style	Frame type	Frame type
Out put(L/min)	18-26	18-26
Weight(kg)	34	34
Volume(mm)	700*370*430	720*370*430
Plunger no.x Dia.	3pcs×22mm	3pcs×30mm
Pressure(Kg/cm <sup>2</sup> )	20-35	20-35
Output	18-26L/min	30-45L/min
Power	2-3HP	2-4HP
Weight	10kg	11kg
Size(mm)	390×290×330	410×310×340

## Permanent Magnet Variable Frequency Generator



VFG-3500A



VFG-3500B

Model	VFG-3500A	VFG-5500A	VFG-3500B	VFG-5500B
ENGINE	170F	172F	170F	172F
Capacity	212CC	212CC	212CC	212CC
Engine oil volume	0.6L	0.6L	0.6L	0.6L
Oil volume	12L	12L	12L	12L
Motor	Permanent Magnet	Permanent Magnet	Permanent Magnet	Permanent Magnet
Frequency	50HZ/60HZ	50HZ/60HZ	50HZ/60HZ	50HZ/60HZ
Voltage(v)	220/230V	220/230V	220/230V	220/230V
Max Power	3.5KW	4.5KW	3.5KW	4.5KW
Rated power	3KW	4.2KW	3KW	4.2KW
Size(mm)	450×410×460	450×410×460	450×410×460	450×410×460

## Permanent Magnet Variable Frequency Generator + MMA



VFG-1000+MMA



VFG-2000+MMA



VFG-3000+MMA



Model	VFG-1000+MMA	VFG-2000+MMA	VFG-3000+MMA
ENGINE	170F	170F	170F
Capacity	212CC	212CC	212CC
Engine oil volume	0.6L	0.6L	0.6L
Oil volume	12L	12L	12L
Motor	Permanent Magnet	Permanent Magnet	Permanent Magnet
Frequency	50HZ/60HZ	50HZ/60HZ	50HZ/60HZ
Voltage(v)	220/230V	220/230V	220/230V
Max Power	1KW	2.5KW	3.5KW
Rated power	0.7KW	2KW	3KW
Rated current	80-160A	80-160A	80-160A
Usable electrodes	2.0-4.0	2.0-4.0	2.0-4.0
STARTING	Recoil start/electric start	Recoil start/electric start	Recoil start/electric start
Size(mm)	480×410×490	480×410×490	480×410×490