

WEL PLUS

HONGBEN WELDING

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Professional Welding Solution





1. 国家强制性产品认证型式试验报告
2. **Federal Communications Commission TEST REPORT**
3. **OVIS-CERT**
   VERIFICATION OF CONFORMITY No:OVIS CE2109-043EC
4. **TUV certification**
   Attestation of Conformity NO.E8A 109009 0004 Rev.00
5. **TUV certification**
   Attestation of Conformity NO.N8A 109009 0002 Rev.00

Company Brief

Taizhou Hongben focuses on welding machines production more than 20 years. Our company is in Taizhou,Zhejiang, only 20 minutes to airport.

In 2002, the first welding machine was introduced from Italy by our engineer, after years of research and develop, our own welding machine got good reputation of excellent quality in domestic and abroad. We got CE, GS certificate (approved by Germany TUV) since 2004. Our product was exported to more than 50 countries in Asia, Europe, America and Africa. Many customers cooperated with us more than 10 years.

Now, our product covers DC inverter series including MMA, MIG, TIG, Plasma cutter; AC transformer series including BX1, BX6, MIG; Battery Charger series including CB, CD(boost start). They are widely used in DIY, building, industry,etc.

We insist on Technology-leading, Continuous innovation,Excellent quality in our growing. Supplying customers professional welding equipment and solution is the job we are always doing.

Thanks for customers' trust and support! Welcome old and new friends to visit us for cooperation!

Professional Welding Solution

Taizhou Hongben Welding Technology Co., Ltd



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New Design · New Technology
More Professional



MMA mini
Inverter Welder

DIY INVERTER

WEL PLUS

IGBT

New



MINI

·Digital Automatic Synergic
·With lift TIG, VRD
·Arc force, Anti-stick, Hot start

Feature:

- Inverter technology, easy to use and excellent welding performance.
- With Hot-Start, Arc-Force, Anti-Sticking function.
- Automatic overload and temperature protection.
- Suitable for welding steel,stainless steel,copper, nickel,titanium and their alloys.

SPECIFICATION

MODEL	INPUT VOL/FRE	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS
	V/Hz	KVA	V	A	%	mm	%		
MMA100	230V/50Hz	3.2	65	20-100A	60%	ϕ1.6-2.5mm	85%	IP21S	H
MMA120	230V/50Hz	3.8	65	20-120A	60%	ϕ1.6-3.2mm	85%	IP21S	H
MMA140	230V/50Hz	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H

MMA
Inverter Welder



·Digital Automatic Synergic
·With lift TIG, VRD
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MMA140	230V/50Hz	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H
MMA160	230V/50Hz	5.3	65	20-160A	60%	ϕ1.6-4.0mm	85%	IP21S	H
MMA180	230V/50Hz	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H
MMA200	230V/50Hz	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H
MMA250	230V/50Hz	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H

MIG (No gas)
Inverter Welder



·Digital Automatic Synergic
·No gas MIG,TIG,MMA 3 in 1

Feature:

- Automatic synergic digital control, easy to use, suitable for all people
- MIG welding without gas, convenient to use
- MIG, lift TIG and MMA multi functions, can be used in wider area
- Advenced inverter and digital technology, easy to start arc, bigger power, lower splash
- Can weld thin steel even 0.5mm thickness, perfect choice for DIY, HOME use or repair shop

SPECIFICATION

MODEL	INPUT VOL/FRE	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING WIRE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS
	V/Hz	KVA	V	A	%	mm	mm	%		
MIG130	230V/50Hz	3.3	62	20-130A	60%	ϕ0.8/0.9/1.0	ϕ1.6-3.2mm	85%	IP21S	H
MIG140	230V/50Hz	3.6	62	20-140A	60%	ϕ0.8/0.9/1.0	ϕ1.6-3.2mm	85%	IP21S	H
MIG160	230V/50Hz	4.5	62	20-160A	60%	ϕ0.8/0.9/1.0	ϕ1.6-4.0mm	85%	IP21S	H

MIG (Gas/No gas)
Inverter Welder

DIY INVERTER



·Digital Automatic Synergic
·Gas MIG, No gas MIG, TIG,MMA 4 in 1

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MIG130	230V/50Hz	3.3	62	20-130A	60%	ϕ0.8/0.9/1.0	ϕ1.6-3.2mm	85%	IP21S	H
MIG140	230V/50Hz	3.6	62	20-140A	60%	ϕ0.8/0.9/1.0	ϕ1.6-3.2mm	85%	IP21S	H
MIG160	230V/50Hz	4.5	62	20-160A	60%	ϕ0.8/0.9/1.0	ϕ1.6-4.0mm	85%	IP21S	H

MIG
Inverter Welder

INDUSTRIAL INVERTER

New



·Digital Automatic Synergic
·Gas MIG, No gas MIG, TIG,MMA 4 in 1
·Can load 5kgs welding wire
·2T/4T/SPOT

Feature:

- Automatic synergic digital control, easy to use, suitable for all people
- GAS and NO GAS both available
- MIG, lift TIG and MMA multi functions, can be used in wider area
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- Can weld thin steel from 0.8mm to 16mm thickness, perfect choice for repair shop, industry, building, etc

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MIG160	230V/50Hz	4.5	62	30-160A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H
MIG180	230V/50Hz	5.3	62	30-180A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H
MIG200	230V/50Hz	6	62	30-200A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H
MIG250	230V/50Hz	7	62	30-250A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H

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emc EUR • USA • JPN • AUS

CE

SPECIFICATION

MODEL	INPUT VOL/FRE	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS
	V/Hz	KVA	V	A	%	mm	%		
MMA100	230V/50Hz	3.2	65	20-100A	60%	ϕ1.6-2.5mm	85%	IP21S	H
MMA120	230V/50Hz	3.8	65	20-120A	60%	ϕ1.6-3.2mm	85%	IP21S	H
MMA140	230V/50Hz	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H

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Inverter Welder



·LCD display
·Digital Automatic Synergic
·With lift TIG, VRD
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MMA180	230V/50Hz	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H
MMA200	230V/50Hz	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H
MMA250	230V/50Hz	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H

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	V/Hz	KVA	V	A	%	mm	mm	%		
MIG130	230V/50Hz	3.3	62	20-130A	60%	ϕ0.8/0.9/1.0	ϕ1.6-3.2mm	85%	IP21S	H
MIG140	230V/50Hz	3.6	62	20-140A	60%	ϕ0.8/0.9/1.0	ϕ1.6-3.2mm	85%	IP21S	H
MIG160	230V/50Hz	4.5	62	20-160A	60%	ϕ0.8/0.9/1.0	ϕ1.6-4.0mm	85%	IP21S	H

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	V/Hz	KVA	V	A	%	mm	mm	%		
MIG130	230V/50Hz	3.3	62	20-130A	60%	ϕ0.8/0.9/1.0	ϕ1.6-3.2mm	85%	IP21S	H
MIG140	230V/50Hz	3.6	62	20-140A	60%	ϕ0.8/0.9/1.0	ϕ1.6-3.2mm	85%	IP21S	H
MIG160	230V/50Hz	4.5	62	20-160A	60%	ϕ0.8/0.9/1.0	ϕ1.6-4.0mm	85%	IP21S	H

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	V/Hz	KVA	V	A	%	mm	mm	%		
MIG160	230V/50Hz	4.5	62	30-160A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H
MIG180	230V/50Hz	5.3	62	30-180A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H
MIG200	230V/50Hz	6	62	30-200A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H
MIG250	230V/50Hz	7	62	30-250A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H

TIG Argon
Welder(AC/DC,Pulse)



PULSE

AC/DC
Aluminium welder

Feature:

- Low no-load loss,low energy consumption
- TIG MMA 2 in 1
- HF inigation mode, with pulse, AC/DC
- Able to welding thin plate with thickness from 0.1mm to 0.5mm
- Applicable for welding aluminium, stainless steel, ferrous metal,medium carbon steel and alloy steel,etc.

MMA
Inverter Welder





- Arc force
- Anti-stick
- Hot start

Feature:

- Inverter technology, easy to use and excellent welding performance.
- With Hot-Start, Arc-Force, Anti-Sticking function.
- Automatic overload and temperature protection.
- Suitable for welding steel,stainless steel,copper,nickel, titanium and their alloys.

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MODEL	INPUT VOL/FRE	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS
	V/Hz	KVA	V	A	%	mm	%		
TIG160P AC/DC	230V/50Hz	4.5	65	10-160A	60%	ϕ1.6-3.2mm	85%	IP21S	H
TIG200P AC/DC	230V/50Hz	6.1	65	10-200A	60%	ϕ1.6-4.0mm	85%	IP21S	H
TIG250P AC/DC	230V/50Hz	7	65	10-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H
TIG315P AC/DC	400V/50Hz	10	65	20-315A	60%	ϕ1.6-5.0mm	85%	IP21S	H

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA140	230V	50/60	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H	5	35*22*24
MMA160	230V	50/60	5.3	65	20-160A	60%	ϕ1.6-4.0mm	85%	IP21S	H	5.5	35*22*24
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	5.8	35*22*24
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	6	35*22*24
MMA250	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	6.5	35*22*24

MMA
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DIY INVERTER

WEL PLUS







·Arc force
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emc CE

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	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA140	230V	50/60	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H	4.5	37*25*26
MMA160	230V	50/60	5.3	65	20-160A	60%	ϕ1.6-4.0mm	85%	IP21S	H	4.8	37*25*26
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	5.5	37*25*26
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	5.8	37*25*26
MMA250	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	8	37*25*26

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	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	7	49*27*31
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	7.5	49*27*31
MMA250	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	8	49*27*31

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	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	7.2	48*27*36
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	7.7	48*27*36
MMA250	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	8.2	48*27*36

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	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA100	230V	50/60	3.2	65	20-100A	60%	ϕ1.6-2.5mm	85%	IP21S	H	3.8	31*18*20
MMA120	230V	50/60	3.8	65	20-120A	60%	ϕ1.6-3.2mm	85%	IP21S	H	4	31*18*20
MMA140	230V	50/60	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H	4.2	31*18*20
MMA160	230V	50/60	5.3	65	20-160A	60%	ϕ1.6-4.0mm	85%	IP21S	H	4.5	31*18*20
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	5.2	31*18*20
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	5.2	31*18*20

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	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA100	230V	50/60	3.2	65	20-100A	60%	ϕ1.6-2.5mm	85%	IP21S	H	2.8	24*16*19
MMA120	230V	50/60	3.8	65	20-120A	60%	ϕ1.6-3.2mm	85%	IP21S	H	2.9	24*16*19
MMA140	230V	50/60	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H	3.1	24*16*19

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MMA140	230V	50/60	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H	4.5	38*21*25
MMA160	230V	50/60	5.3	65	20-160A	60%	ϕ1.6-4.0mm	85%	IP21S	H	4.8	38*21*25
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	5.5	38*21*25
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	5.8	38*21*25
MMA250	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	6	38*21*25

MMA
Inverter Welder

INDUSTRIAL INVERTER

WEL PLUS

IGBT





- Arc force
- Anti-stick
- Hot start

emc CE

Feature:

- Inverter technology, easy to use and excellent welding performance.
- With Hot-Start, Arc-Force, Anti-Sticking function.
- Automatic overload and temperature protection.
- Suitable for welding steel,stainless steel,copper,nickel, titanium and their alloys.

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	7	45*25*34
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	7.5	45*25*34
MMA250	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	8	45*25*34

MMA
Inverter Welder

DIY INVERTER

WEL PLUS

IGBT





- Arc force
- Anti-stick
- Hot start

emc CE

Feature:

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MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA140	230V	50/60	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H	4.5	38*21*25
MMA160	230V	50/60	5.3	65	20-160A	60%	ϕ1.6-4.0mm	85%	IP21S	H	4.8	38*21*25
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	5.5	38*21*25
MMA250	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	5.8	38*21*25
MMA200	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	6	38*21*25

MMA
Inverter Welder

INDUSTRIAL INVERTER

WEL PLUS

IGBT





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·Anti-stick
·Hot start

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MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	7	45*25*34
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	7.5	45*25*34
MMA250	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	8	45*25*34

MMA
Inverter Welder

DIY INVERTER

WEL PLUS

IGBT





·Arc force
·Anti-stick
·Hot start

emc CE

Feature:

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MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA140	230V	50/60	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H	4.5	38*21*25
MMA160	230V	50/60	5.3	65	20-160A	60%	ϕ1.6-4.0mm	85%	IP21S	H	4.8	38*21*25
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	5.5	38*21*25
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	5.8	38*21*25
MMA250	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	6	38*21*25

MMA
Inverter Welder

INDUSTRIAL INVERTER

WEL PLUS





·Arc force
·Anti-stick
·Hot start

Feature:

- Inverter technology, easy to use and excellent welding performance.
- With Hot-Start, Arc-Force, Anti-Sticking function.
- Automatic overload and temperature protection.
- Suitable for welding steel,stainless steel,copper,nickel, titanium and their alloys.

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	7	45*25*34
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	7.5	45*25*34
MMA250	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	8	45*25*34

MMA
Inverter Welder

DIY INVERTER

WEL PLUS





·Arc force
·Anti-stick
·Hot start

Feature:

- Inverter technology, easy to use and excellent welding performance.
- With Hot-Start, Arc-Force, Anti-Sticking function.
- Automatic overload and temperature protection.
- Suitable for welding steel,stainless steel,copper,nickel, titanium and their alloys.

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA140	230V	50/60	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H	4.5	35*22*24
MMA160	230V	50/60	5.3	65	20-160A	60%	ϕ1.6-4.0mm	85%	IP21S	H	4.8	35*22*24
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	5.5	35*22*24
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	5.8	35*22*24
MMA250	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	6	35*22*24

MMA
Inverter Welder

DIY INVERTER

WEL PLUS

IGBT



MINI



·Digital Automatic Synergic
·With lift TIG, VRD
·Arc force, Anti-stick, Hot start

Feature:

- Inverter technology, easy to use and excellent welding performance.
- With Hot-Start, Arc-Force, Anti-Sticking function.
- Automatic overload and temperature protection.
- Suitable for welding steel,stainless steel,copper,nickel, titanium and their alloys.

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA100	230V	50/60	3.2	65	20-100A	60%	ϕ1.6-2.5mm	85%	IP21S	H	3.8	35*18*22
MMA120	230V	50/60	3.8	65	20-120A	60%	ϕ1.6-3.2mm	85%	IP21S	H	4	35*18*22
MMA140	230V	50/60	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H	4.2	35*18*22
MMA160	230V	50/60	5.3	65	20-160A	60%	ϕ1.6-4.0mm	85%	IP21S	H	4.5	35*18*22
MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	5	35*18*22
MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	5.2	35*18*22

MMA
Inverter Welder

DIY INVERTER

WEL PLUS

IGBT





·Arc force
·Anti-stick
·Hot start

Feature:

- Inverter technology, easy to use and excellent welding performance.
- With Hot-Start, Arc-Force, Anti-Sticking function.
- Automatic overload and temperature protection.
- Suitable for welding steel,stainless steel,copper,nickel, titanium and their alloys.

SPECIFICATION

	MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
		V	Hz	KVA	V	A	%	mm	%			kg	cm
Small size	MMA100	230V	50/60	3.2	65	20-100A	60%	ϕ1.6-2.5mm	85%	IP21S	H	3.8	33*22*24
	MMA120	230V	50/60	3.8	65	20-120A	60%	ϕ1.6-3.2mm	85%	IP21S	H	4	33*22*24
	MMA140	230V	50/60	4.5	65	20-140A	60%	ϕ1.6-3.2mm	85%	IP21S	H	4.2	33*22*24
	MMA160	230V	50/60	5.3	65	20-160A	60%	ϕ1.6-4.0mm	85%	IP21S	H	4.5	36*23*27
	MMA180	230V	50/60	6.1	65	20-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	4.8	36*23*27
Big size	MMA200	230V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	5.5	36*23*27
	MMA250	230V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	5.8	36*23*27

MMA Inverter
Welder(Heavy Duty)





Feature:

- Inverter technology, easy to use and excellent welding performance.
- With Hot-Start, Arc-Force, Anti-Sticking function.
- Automatic overload and temperature protection.
- Suitable for welding steel,stainless steel,copper,nickel, titanium and their alloys.

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
MMA250	400V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	8	54*33*43
MMA315	400V	50/60	7	65	20-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	7.5	54*33*43
MMA400	400V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	8	59*33*51
MMA500	400V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	8	62*33*44
MMA630	400V	50/60	9	65	20-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	8	62*33*44

MIG/MAG
Welder(NO GAS)





·Digital Automatic Synergic
·MIG,TIG,MMA 3 in 1
·NO GAS MIG

Feature:

- Automatic synergic digital control, easy to use, suitable for all people
- MIG welding without gas, convenient to use
- MIG, lift TIG and MMA multi functions, can be used in wider area
- Advenced inverter and digital technology, easy to start arc, bigger power, lower splash
- Can weld thin steel even 0.5mm thickness, perfect choice for DIY, HOME use or repair shop

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING WIRE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	mm	%			kg	cm
MIG130	230V	50/60	3.6	62	30-130A	60%	ϕ0.8/0.9/1.0	ϕ1.6-3.2mm	85%	IP21S	H	7.5	40*25*26
MIG160	230V	50/60	5.3	62	30-160A	60%	ϕ0.8/0.9/1.0	ϕ1.6-4.0mm	85%	IP21S	H	8	40*25*26

MIG/MAG CO2
Welder(GAS/NO GAS)





- ·Digital Automatic Synergic
- ·MIG,TIG,MMA 3 in 1
- ·GAS / NO GAS MIG

Feature:

- Inverter technology,stable electric arc, less splashing
- Solid wire(use gas) and flux-cored wire(no gas) is both available
- Semi-automatic,heavy duty cycle, high efficiency
- With MMA function, with wider application
- Applicable for basic maintenance, shipyards, metal fabrication, small structural work, building, etc

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING WIRE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	mm	%			kg	cm
MIG160	230V	50/60	5.3	62	30-160A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H	14.5	50*31*37
MIG180	230V	50/60	6.1	62	30-180A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H	15	50*31*37
MIG200	230V	50/60	7	62	30-200A	60%	ϕ0.8-1.0mm	ϕ1.6-5.0mm	85%	IP21S	H	15.5	50*31*37
MIG250	230V	50/60	8.5	62	30-250A	60%	ϕ0.8-1.0mm	ϕ1.6-5.0mm	85%	IP21S	H	16	50*31*37

MIG/MAG CO2
Welder(GAS/NO GAS)



- ·Digital Automatic Synergic
- ·MIG,TIG,MMA 3 in 1
- ·GAS / NO GAS MIG

Feature:

- Automatic synergic digital control, easy to use, suitable for all people
- GAS and NO GAS both available
- MIG, lift TIG and MMA multi functions, can be used in wider area
- Advenced inverter and digital technology, easy to start arc, bigger power, lower splash
- Can weld thin steel even 0.5mm thickness, perfect choice for DIY, HOME use or repair shop

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING WIRE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	mm	%			kg	cm
MIG140	230V	50/60	5.3	62	30-130A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H	15	52*32*39
MIG180	230V	50/60	6.1	62	30-180A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H	15.5	52*32*39
MIG200	230V	50/60	7	62	30-200A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H	16	52*32*39
MIG250	230V	50/60	8.5	62	30-250A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H	16.5	52*32*39

MIG/MAG CO2
Welder(DOUBLE PULSE)





·Digital Automatic Synergic
·MIG,TIG,MMA 3 in 1
·Double pulse, can weld aluminium

Feature:

- Automatic synergic digital control, easy to use, suitable for all people
- Double pulse, could weld aluminium material well
- MIG, lift TIG and MMA multi functions, can be used in wider area
- Advenced inverter and digital technology, easy to start arc, bigger power, lower splash
- Can weld thin steel even 0.5mm thickness, perfect choice for DIY, HOME use or repair shop

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING WIRE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	mm	%			kg	cm
MIG200DP	230V	50/60	7	62	30-200A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H	16.5	52*32*39
MIG250DP	230V	50/60	8.5	62	30-250A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H	17	52*32*39

MIG/MAG CO2
Welder(GAS/NO GAS)






NO GAS


GAS

Feature:

- Inverter technology,stable electric arc, less splashing
- Solid wire(use gas) and flux-cored wire(no gas) is both available
- Semi-automatic,heavy duty cycle, high efficiency
- With MMA function, with wider application
- Applicable for basic maintenance, shipyards, metal fabrication, small structural work, building, etc

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING WIRE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	mm	%			kg	cm
MIG160	230V	50/60	5.3	62	30-160A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H	14.5	50*31*37
MIG180	230V	50/60	6.1	62	30-180A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H	15	50*31*37
MIG200	230V	50/60	7	62	30-200A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H	15.5	50*31*37
MIG250	230V	50/60	8.5	62	30-250A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H	16	50*31*37

MIG/MAG CO2
Welder(GAS/NO GAS)






NO GAS


GAS

Feature:

- Inverter technology,stable electric arc, less splashing
- Solid wire(use gas) and flux-cored wire(no gas) is both available
- Semi-automatic,heavy duty cycle, high efficiency
- With MMA function, with wider application
- Applicable for basic maintenance, shipyards, metal fabrication, small structural work, building, etc

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING WIRE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	mm	%			kg	cm
MIG160	230V	50/60	5.3	62	30-160A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H	15	51*31*38
MIG180	230V	50/60	6.1	62	30-180A	60%	ϕ0.8-1.0mm	ϕ1.6-4.0mm	85%	IP21S	H	15.5	51*31*38
MIG200	230V	50/60	7	62	30-200A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H	16	51*31*38
MIG250	230V	50/60	8.5	62	30-250A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H	16.5	51*31*38

MIG/MAG CO2
Welder(Heavy Duty)






NO GAS


GAS

Loading Capacity





Feature:

- Inverter technology,stable electric arc, less splashing
- Solid wire(use gas) and flux-cored wire(no gas) is both available
- Semi-automatic,heavy duty cycle, high efficiency
- With MMA function, with wider application
- Applicable for basic maintenance, shipyards, metal fabrication, small structural work, building, etc

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING WIRE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	mm	%			kg	cm
MIG-250	230V	50/60	8.5	62	30-250A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H	25	64*32*57
MIG-250	400V	50/60	8.5	65	30-250A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H	25	64*32*57
MIG-300	400V	50/60	11	65	40-300A	60%	ϕ0.8-1.2mm	ϕ1.6-5.0mm	85%	IP21S	H	26	64*32*57
MIG-350	400V	50/60	12.5	65	40-350A	60%	ϕ0.8-1.6mm	ϕ1.6-5.0mm	85%	IP21S	H	26.5	64*32*57

MIG/MAG CO2
Welder(Heavy Duty)







·IGBT module
·External wire feeder

Feature:

- Inverter technology,stable electric arc, less splashing
- Solid wire(use gas) and flux-cored wire(no gas) is both available
- Semi-automatic,heavy duty cycle, high efficiency
- With MMA function, with wider application
- Applicable for basic maintenance, shipyards, metal fabrication, small structural work, building, etc

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING WIRE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT
	V	Hz	KVA	V	A	%	mm	mm	%			kg
MIG-350	400V	50/60	14	65	40-350A	60%	ϕ0.8-1.6mm	ϕ1.6-5.0mm	85%	IP21S	H	33
MIG-400	400V	50/60	17.5	65	40-400A	60%	ϕ0.8-1.6mm	ϕ1.6-5.0mm	85%	IP21S	H	34
MIG-500	400V	50/60	25	65	40-500A	60%	ϕ0.8-1.6mm	ϕ1.6-5.0mm	85%	IP21S	H	43

CUT
Plasma cutter







Feature:

- Inverter technology,heavy duty
- Easy to operate and high efficiency
- Smooth cutting surface
- Automatic overload and temperature protection.
- Be able to cut stainless steel and all kinds of metal

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	CUTTING THICKNESS	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
CUT30	230V	50/60	4.5	260	10-30A	60%	8mm	85%	IP21S	H	8	48*27*36
CUT40	230V	50/60	5.5	260	10-40A	60%	10mm	85%	IP21S	H	8.5	48*27*36
CUT50	230V	50/60	6.8	260	20-50A	60%	12mm	85%	IP21S	H	8.8	48*27*36
CUT60	230V	50/60	8	260	20-60A	60%	16mm	85%	IP21S	H	9	48*27*36

CUT
Plasma cutter

DIY INVERTER





Feature:

- Inverter technology,heavy duty
- Easy to operate and high efficiency
- Smooth cutting surface
- Automatic overload and temperature protection.
- Be able to cut stainless steel and all kinds of metal

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	CUTTING THICKNESS	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
CUT30	230V	50/60	4.5	260	10-30A	60%	8mm	85%	IP21S	H	8	48*27*36
CUT40	230V	50/60	5.5	260	10-40A	60%	10mm	85%	IP21S	H	8.5	48*27*36
CUT50	230V	50/60	6.8	260	20-50A	60%	12mm	85%	IP21S	H	8.8	48*27*36
CUT60	230V	50/60	8	260	20-60A	60%	16mm	85%	IP21S	H	9	48*27*36

Multi-Fuuction
Welder





CUT·TIG·MMA
3 in 1

Feature:

- CUT, TIG, MMA 3 in 1 multi-function
- Easy to operate and high efficiency
- Smooth cutting surface
- Automatic overload and temperature protection.
- Be able to cut stainless steel and all kinds of metal

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	CUTTING THICKNESS	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%		mm	%			kg	cm
CT-312	230V	50/60	MMA:3.5KVA	65	MMA:20-110A	60%	ϕ1.6-3.2mm	/	85%	IP21S	H	12	49*30*37
			TIG:2.5KVA	56	TIG:10-120A		/	/					
			CUT:4.5KVA	260	CUT:10-30A		/	8mm					
CT-416	230V	50/60	MMA:4.8KVA	65	MMA:20-150A	60%	ϕ1.6-4.0mm	/	85%	IP21S	H	14	49*30*37
			TIG:3.5KVA	56	TIG:10-160A		/	/					
			CUT:5.8KVA	260	CUT:10-40A		/	10mm					

CUT Plasma
cutter(Heavy Duty)







Feature:

- CUT, TIG, MMA 3 in 1 multi-function
- Easy to operate and high efficiency
- Smooth cutting surface
- Automatic overload and temperature protection.
- Be able to cut stainless steel and all kinds of metal

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	CUTTING THICKNESS	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
CUT60	400V	50/60	7.9	320	20-60A	60%	20mm	85%	IP21S	H	14	52*30*40
CUT80	400V	50/60	12	320	20-80A	60%	25mm	85%	IP21S	H	25	66*34*58
CUT100	400V	50/60	15	320	20-100A	60%	30mm	85%	IP21S	H	39	66*34*58
CUT160	400V	50/60	29	320	20-160A	60%	45mm	85%	IP21S	H	45	72*39*65

TIG Argon
Welder







Feature:

- Low no-load loss,low energy consumption
- TIG MMA 2 in 1
- HF inigation mode
- Able to welding thin plate with thickness from 0.1mm to 0.5mm
- Applicable for welding stainless steel， ferrous metal,medium carbon steel and alloy steel,etc.



SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
TIG160	230V	50/60	4.5	65	10-160A	60%	ϕ1.6-3.2mm	85%	IP21S	H	8.5	49*27*31
TIG180	230V	50/60	5.3	65	10-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	9	49*27*31
TIG200	230V	50/60	6.1	65	10-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	9.5	49*27*31
TIG250	230V	50/60	7	65	10-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	10	49*27*31

TIG Argon
Welder





Feature:

- Low no-load loss,low energy consumption
- TIG MMA 2 in 1
- HF inigation mode
- Able to welding thin plate with thickness from 0.1mm to 0.5mm
- Applicable for welding stainless steel， ferrous metal,medium carbon steel and alloy steel,etc.

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
TIG160	230V	50/60	4.5	65	10-160A	60%	ϕ1.6-3.2mm	85%	IP21S	H	9	48*27*36
TIG180	230V	50/60	5.3	65	10-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	9.5	48*27*36
TIG200	230V	50/60	6.1	65	10-200A	60%	ϕ1.6-5.0mm	85%	IP21S	H	10	48*27*36
TIG250	230V	50/60	7	65	10-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	10.5	48*27*36

TIG Argon
Welder(Pulse)





Feature:

- Low no-load loss,low energy consumption
- TIG MMA 2 in 1
- HF inigation mode
- Able to welding thin plate with thickness from 0.1mm to 0.5mm
- Applicable for welding stainless steel， ferrous metal,medium carbon steel and alloy steel,etc.

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
TIG160P	230V	50/60	4.5	65	10-160A	60%	ϕ1.6-3.2mm	85%	IP21S	H	10	49*28*37
TIG180P	230V	50/60	5.3	65	10-180A	60%	ϕ1.6-4.0mm	85%	IP21S	H	10.5	49*28*37
TIG200P	230V	50/60	6.1	65	10-200A	60%	ϕ1.6-4.0mm	85%	IP21S	H	11	49*28*37
TIG250P	230V	50/60	7	65	10-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	11.5	49*28*37

TIG Argon
Welder(AC/DC,Pulse)





PULSE

AC/DC
Aluminium welder

Feature:

- Low no-load loss,low energy consumption
- TIG MMA 2 in 1
- HF inigation mode, with pulse, AC/DC
- Able to welding thin plate with thickness from 0.1mm to 0.5mm
- Applicable for welding aluminium, stainless steel,ferrous metal,medium carbon steel and alloy steel,etc.

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
TIG160P AC/DC	230V	50/60	4.5	65	10-160A	60%	ϕ1.6-3.2mm	85%	IP21S	H	23	57*38*41
TIG200P AC/DC	230V	50/60	6.1	65	10-200A	60%	ϕ1.6-4.0mm	85%	IP21S	H	24	57*38*41
TIG250P AC/DC	230V	50/60	7	65	10-250A	60%	ϕ1.6-5.0mm	85%	IP21S	H	25	57*38*41
TIG315P AC/DC	230V	50/60	10	65	20-315A	60%	ϕ1.6-5.0mm	85%	IP21S	H	36	66*44*56

TIG Argon
Welder(Heavy Duty)

INDUSTRIAL INVERTER





Feature:

- Low no-load loss,low energy consumption
- TIG MMA 2 in 1
- HF inigation mode
- Able to welding thin plate with thickness from 0.1mm to 0.5mm
- Applicable for welding stainless steel， ferrous metal,medium carbon steel and alloy steel,etc.

SPECIFICATION

MODEL	INPUT VOLTAGE	FREQUENCY	RATED CAPACITY	NO-LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	USABLE WELDING ROD	EFFICIENCY	PROTECTION CLASS	INSULATION CLASS	WEIGHT	SIZE
	V	Hz	KVA	V	A	%	mm	%			kg	cm
TIG315	400V	50/60	10	65	20-315A	60%	ϕ1.6-5.0mm	85%	IP21S	H	20	54*28*43
TIG400	400V	50/60	18	65	20-400A	60%	ϕ1.6-5.0mm	85%	IP21S	H	33	59*32*51
TIG500	400V	50/60	22	65	20-500A	60%	ϕ1.6-5.0mm	85%	IP21S	H	39	59*32*51

BATTERY CHARGER



SINGLEPHASE | Thermal PROTECTION OVERLOAD | PORTABLE

CE EMC ROHS

Feature:

- Single phase, portable battery charger for charing lead-acid battery with 12/24V voltage.
- Protected against over-load and polarity
- Equiped with ammeter
- Possibility of use in harsh condition

SPECIFICATION

MODEL	INPUT VOL/FRE	RATED WORKING CAPACITY	CHARGING VOLTAGE	EFFECTIVE CHARGING CURRENT	RATED CHARGING CURRENT	MAX.RATED REFERENCE CAPACITY	MIN.RATED REFERENCE CAPACITY	INSULATION CLASS
	V	W	V	A	A	Ah	Ah	
CB-10	230V±15%, 50HZ	100W	12-24V	8/5A	5.3A	91Ah	20Ah	H
CB-15	230V±15%, 50HZ	150W	12-24V	9/6A	6.4A	105Ah	25Ah	H
CB-20	230V±15%, 50HZ	300W	12-24V	18/12A	12/8A	200Ah	60Ah	H
CB-30	230V±15%, 50HZ	700W	12-24V	20A	20A	250Ah	92Ah	H
CB-40	230V±15%, 50HZ	800W	12-24V	25A	25A	300Ah	100Ah	H
CB-50	230V±15%, 50HZ	1000W	12-24V	30A	30A	320Ah	120Ah	H

BATTERY CHARGER



SINGLEPHASE | Thermal PROTECTION OVERLOAD | PORTABLE

CE EMC ROHS

Feature:

- Single phase, portable battery charger for charing lead-acid battery with 12/24V voltage.
- Protected against over-load and polarity
- Equiped with ammeter
- Possibility of use in harsh condition

SPECIFICATION

MODEL	INPUT VOL/FRE	RATED WORKING CAPACITY	CHARGING VOLTAGE	EFFECTIVE CHARGING CURRENT	RATED CHARGING CURRENT	MAX.RATED REFERENCE CAPACITY	MIN.RATED REFERENCE CAPACITY	INSULATION CLASS
	V	W	V	A	A	Ah	Ah	
CB-10	230V±15%, 50HZ	100W	12-24V	8/5A	5.3A	91Ah	20Ah	H
CB-15	230V±15%, 50HZ	150W	12-24V	9/6A	6.4A	105Ah	25Ah	H
CB-20	230V±15%, 50HZ	300W	12-24V	18/12A	12/8A	200Ah	60Ah	H
CB-30	230V±15%, 50HZ	700W	12-24V	20A	20A	250Ah	92Ah	H
CB-40	230V±15%, 50HZ	800W	12-24V	25A	25A	300Ah	100Ah	H
CB-50	230V±15%, 50HZ	1000W	12-24V	30A	30A	320Ah	120Ah	H

BATTERY CHARGER



SINGLEPHASE | Thermal PROTECTION OVERLOAD | WHEEL MOUNTED | CE EMC ROHS

Feature:

- Single phase, portable battery charger for charing lead-acid battery with 12/24V voltage.
- With BOOST function.
- Protected against over-load and polarity
- Equiped with ammeter
- Possibility of use in harsh condition

SPECIFICATION

MODEL	INPUT VOL/FRE	RATED WORKING CAPACITY	CHARGING VOLTAGE	EFFECTIVE CHARGING CURRENT	RATED CHARGING CURRENT	MAX.RATED REFERENCE CAPACITY	MIN.RATED REFERENCE CAPACITY	INSULATION CLASS
	V	W	V	A	A	Ah	Ah	
CD-320	230V±15%, 50HZ	Charging:1kw Start:6.4kw	12-24V	45A	30A	500Ah	20Ah	H
CD-400	230V±15%, 50HZ	Charging:1.6kw Start:8kw	12-24V	60A	40A	700Ah	20Ah	H
CD-500	230V±15%, 50HZ	Charging:1.8kw Start:10kw	12-24V	75A	50A	800Ah	20Ah	H
CD-600	230V±15%, 50HZ	Charging:2kw Start:12kw	12-24V	90A	60A	1000Ah	20Ah	H

BATTERY CHARGER



SINGLEPHASE | Thermal PROTECTION OVERLOAD | WHEEL MOUNTED | CE EMC ROHS

Feature:

- Single phase, portable battery charger for charing lead-acid battery with 12/24V voltage.
- With BOOST function.
- Protected against over-load and polarity
- Equiped with ammeter
- Possibility of use in harsh condition

SPECIFICATION

MODEL	INPUT VOL/FRE	RATED WORKING CAPACITY	CHARGING VOLTAGE	EFFECTIVE CHARGING CURRENT	RATED CHARGING CURRENT	MAX.RATED REFERENCE CAPACITY	MIN.RATED REFERENCE CAPACITY	INSULATION CLASS
	V	W	V	A	A	Ah	Ah	
CD-320	230V±15%, 50HZ	Charging:1kw Start:6.4kw	12-24V	45A	30A	500Ah	20Ah	H
CD-400	230V±15%, 50HZ	Charging:1.6kw Start:8kw	12-24V	60A	40A	700Ah	20Ah	H
CD-500	230V±15%, 50HZ	Charging:1.8kw Start:10kw	12-24V	75A	50A	800Ah	20Ah	H
CD-600	230V±15%, 50HZ	Charging:2kw Start:12kw	12-24V	90A	60A	1000Ah	20Ah	H