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CATALOG **2022**

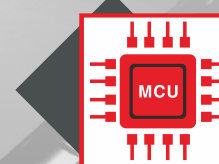
The Best Of Your Soldering Solution



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Touch the quality Explore the future



DIGITALIZATION
 The theme of the age



Brand Culture

Zhejiang Poney electric Co., Ltd.

Taking Steps Forward

Company Introduction

• The PONEY Company

Based in Wenling City, PONEY limited has established it self as a professional manufacturer engaging in the production of welding machine, cutting machine and car battery charger. Our vigorous technician talents are dedicated to developing ground-breaking products, equipped with the latest production processes, we are able to guarantee a high and consistent quality for our products. A large selection of products in unique and modern designs makes our company a competent partner for industry and trade. We are active in the international welding market we pursue excellence to provide efficient and effective solutions for our valuable clients and help creating value. In PONEY, each and every product goes through stringent testings and inspections that always guarantees superior quality, reliability and safety which acknowledged by clients from across the world. Supported by sound management and expertise of technology, PONEY products are accredited with certifications like CE, GS, ISO, ROHS, and others.

Ever since its inception of operation, PONEY has managed to promote a very special relationship with its clients, proving itself as a steadfast partner entitled to clients' confidence.



WORKSHOP & MANAGEMENT

Years of continuous investment enabled us to have a vigorous and highly qualified engineering staff and a fully integrated production system and steadily enlarging our manufacturing capabilities, which always ensures our valued customers the most efficient and cost-effective solutions. Our inspection department is dutiful to maintain strict checks from raw materials all the way up to finished products.

CERTIFICATIONS

PONEY enterprise is able to assure its clients the very best in terms of quality, reliability and safety. The sound management and expertise of technology secured the possession of all the most important product certifications such as CE, GS, ISO, ROHS, and others.



**TAKING STEPS
FORWARD TO DELIVER
HIGH-END WELDING SOLUTIONS**

Index



GMAW(MIG/MAG)WELDING MACHINE

MINI FCW -120SNY	01
MINI MIG-140SNY	02
MIG-180S/200S	03
MIG-164CT	04
MIG-140SNY/160SNY/180SNY/200SNY	05
MIG-180SP	07
MIG-200DP/250DP	08
MIG-300X	09
MIG-140E/160E/160N1/180N1/200N1	10
MIG-200G	11
MIG-300G/350G/350GF/500GF	12



SMAW(MMA)WELDING MACHINE

P820	13
iARC-120SKN/140SKN/160SKN/180SKN/200SKN	15
iARC-120/140/160/180/200	16
MMA-100ZX/120ZX/140ZX	17
MMA-120ZX-D/140ZX-D	18
MMA-140ZX/2	19
MMA-160E/180E/200E	20



GTAW(TIG)WELDING MACHINE

TIG-160/200	21
TIG-250P	22



AIR PLASMA CUTTING WELDING MACHINE

CUT-40/60/60T	23
ACCESSORIES	24

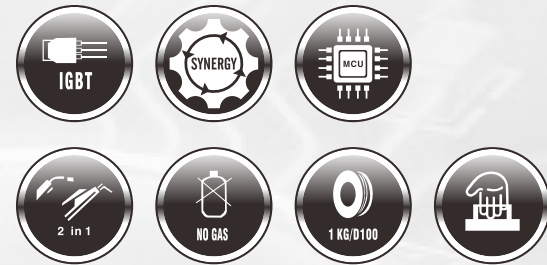
MINI FCW-120SNY

DIGITAL SIGNAL PROCESSING
SYNERGIC FCAW WELDING MACHINE



FEATURES

- Inverter technology, IGBT transistor.
- Advanced synergic technology ,dynamic response.
- Portable design, light weighted.
- Effortless one touch setup, easy for using.
- Multi-welding process FCW, MMA.
- Wire spool takes max 1kg/D100mm.
- Excellent performance for better consistency, reliability, stability and accuracy.

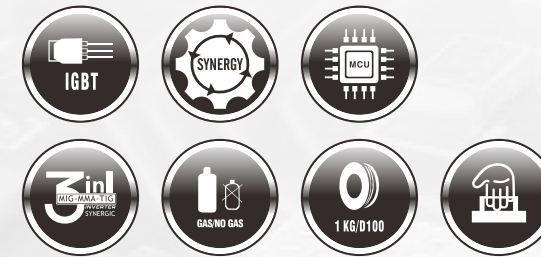


PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
mini FCW-120SNY	220V ± 15% 50/60Hz	3.7	56	20-120	0.8-1.0	1.6-2.5	35

FEATURES

- Inverter technology, IGBT transistor.
- Portable design, light weighted.
- Effortless one touch setup, easy for using.
- Arc force, hot start, anti stick, short circuit protection.
- Versatile process MIG, MAG, FCW, MMA, TIG lift .
- Wire spool takes max 1kg/D100mm.



DIGITAL SIGNAL PROCESSING
SYNERGIC MIG(GMAW) WELDING MACHINE

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
mini MIG-140SNY	220V ± 15% 50/60Hz	4.5	56	20-140	0.8-1.0	1.6-3.2	35

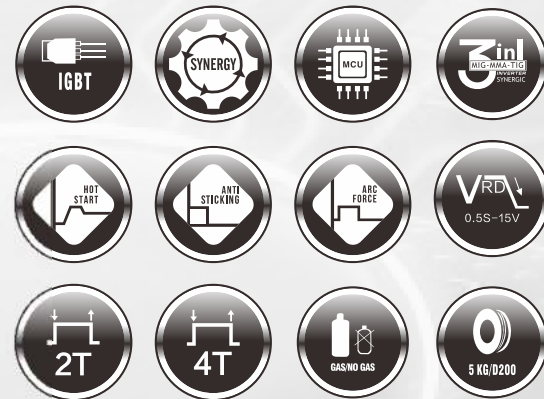
MIG -180S -200S

DIGITAL SIGNAL PROCESSING
SYNERGIC MIG(GMAW) WELDING MACHINE



FEATURES

- Inverter technology , IGBT transistor .
- Advanced synergic technology ,dynamic response .
- Arc force , hot start , anti-stick , VRD , short circuit protection .
- Versatile welding process for MIG, MAG, FCW, MMA, TIG lift .
- Wire spool takes max 5kg/D200mm .
- Excellent performance for better consistency, reliability, stability and accuracy.

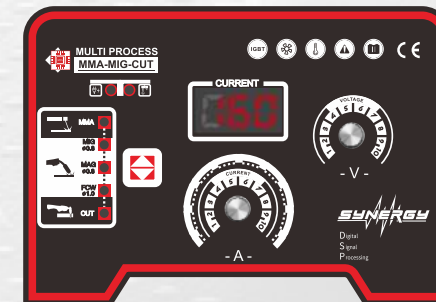
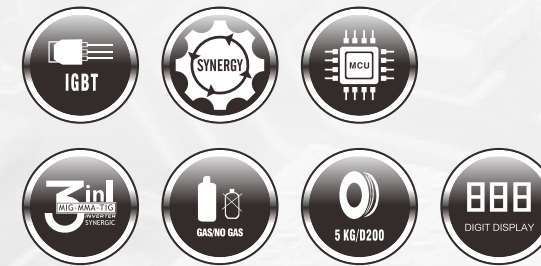


PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
MIG-180S	220V ± 15% 50/60Hz	6.1	56	20-180	0.8-1.2	1.6-4.0	60
MIG-200S	220V ± 15% 50/60Hz	7.0	56	20-200	0.8-1.2	1.6-4.0	60

FEATURES

- Inverter technology, IGBT transistor.
- Effortless one touch setup, easy for using.
- Arc force, hot start ,anti stick, short circuit protection.
- Versatile process MIG, MAG, FCW, MMA, CUT.
- Wire spool takes max 5kg/D200mm.



MIG -164CT

MIG- MMA-CUT

Versatile functions

DIGITAL SIGNAL PROCESSING
SYNERGIC MIG(GMAW) WELDING MACHINE



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Cutting amp(A)	Cutting thickness (mm)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
MIG-164CT	220V ± 15% 50/60Hz	5.3	56	20-160	20-40A	1-10	0.8-1.0	1.6-4.0	60

MIG -140SNY/-160SNY -180SNY/-200SNY

DIGITAL SIGNAL PROCESSING
SYNERGIC MIG(GMAW) WELDING MACHINE



FEATURES

- Inverter technology, IGBT transistor.
- Advanced synergic technology ,dynamic response.
- Effortless one touch setup, easy for using.
- Arc force, hot start ,anti stick, short circuit protection.
- Versatile process MIG, MAG, FCW, MMA, TIG lift.
- Wire spool takes max 5kg/D200mm.
- Excellent performance for better consistency, reliability, stability and accuracy.



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
MIG-140SNY	220V ± 15% 50/60Hz	4.5	56	20-140	0.8-1.0	1.6-3.2	60
MIG-160SNY	220V ± 15% 50/60Hz	5.3	56	20-160	0.8-1.0	1.6-4.0	60
MIG-180SNY	220V ± 15% 50/60Hz	6.1	56	20-180	0.8-1.0	1.6-5.0	60
MIG-200SNY	220V ± 15% 50/60Hz	7.0	56	20-200	0.8-1.0	1.6-5.0	60

MIG -140SNY/-160SNY -180SNY/-200SNY

DIGITAL SIGNAL PROCESSING
SYNERGIC MIG(GMAW) WELDING MACHINE



FEATURES

- Inverter technology, IGBT transistor.
- Advanced synergic technology ,dynamic response.
- Effortless one touch setup, easy for using.
- Arc force, hot start ,anti stick, short circuit protection.
- Versatile process MIG, MAG, FCW, MMA, TIG lift.
- Wire spool takes max 5kg/D200mm.
- Excellent performance for better consistency , reliability, stability and accuracy.



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
MIG-140SNY	220V ± 15% 50/60Hz	4.5	56	20-140	0.8-1.0	1.6-3.2	60
MIG-160SNY	220V ± 15% 50/60Hz	5.3	56	20-160	0.8-1.0	1.6-4.0	60
MIG-180SNY	220V ± 15% 50/60Hz	6.1	56	20-180	0.8-1.0	1.6-5.0	60
MIG-200SNY	220V ± 15% 50/60Hz	7.0	56	20-200	0.8-1.0	1.6-5.0	60

MIG-180SP

Professional Aluminum Welding

DIGITAL SIGNAL PROCESSING
SYNERGIC MIG(GMAW) WELDING MACHINE



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
MIG-180SP	220V ± 15% 50/60Hz	5.3	56	20-160	0.8-1.0	1.6-4.0	60

FEATURES

- Inverter technology, IGBT transistor.
- Advanced synergic technology ,dynamic response.
- Mono/ twin pulse for professional aluminum alloy welding.
- High precision welding suitable for wide range of materials.
- Versatile process MIG, MAG, FCW, MMA, TIG lift.
- Wire spool takes max 5kg/D200mm.
- Powerful 4-roll wire feeder.
- Excellent performance for better consistency , reliability, stability and accuracy.



LCD

PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
MIG-200DP	220V ± 15% 50/60Hz	7.0	56	20-200	0.8-1.2	1.6-4.0	60
MIG-250DP	380V ± 15% 50/60Hz	9.5	56	20-250	0.8-1.2	1.6-5.0	60

MIG-300X

**DIGITAL SIGNAL PROCESSING
SYNERGIC MIG(GMAW) WELDING MACHINE**



FEATURES

- Inverter technology, IGBT transistor.
- Advanced synergic technology ,dynamic response.
- Professional industrial welding.
- High precision welding suitable for wide range of materials.
- Versatile process MIG, MAG, FCW, MMA, TIG lift.
- Wire spool takes max 15kg/D300mm.
- Powerful 4-roll wire feeder.
- Excellent performance for better consistency, reliability, stability and accuracy.

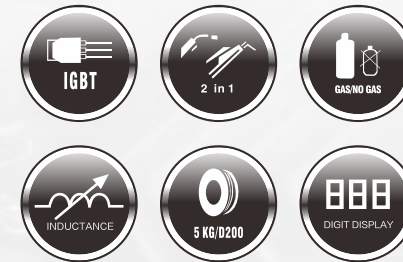


PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
MIG-300X	220V ± 15% 50/60Hz	10.0	56	30-300	0.8-1.6	1.6-5.0	60

FEATURES

- Inverter technology, IGBT transistor.
- Versatile process MIG, MAG, FCW, MMA.
- Wire spool takes max 5kg/D200mm.



MIG -140E/-160E -160N1/-180N1/-200N1

ANALOGY MIG(GMAW) WELDING MACHINE



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
MIG-140E	220V ± 15% 50/60Hz	4.5	56	20-140	0.6/0.8	1.6-3.2	35
MIG-160E	220V ± 15% 50/60Hz	5.3	56	20-160	0.6/0.8	1.6-3.2	35
MIG-160N1	220V ± 15% 50/60Hz	5.3	56	20-160	0.6-1.0	1.6-3.2	60
MIG-180N1	220V ± 15% 50/60Hz	6.1	56	20-180	0.6-1.0	1.6-4.0	60
MIG-200N1	220V ± 15% 50/60Hz	7.0	56	20-200	0.6-1.2	1.6-4.0	60

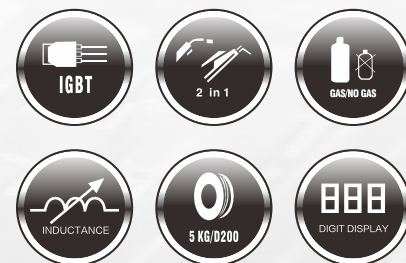
MIG-200G

ANALOGY MIG(GMAW) WELDING MACHINE



FEATURES

- Inverter technology, IGBT transistor.
- Versatile process MIG, MAG, FCW, MMA.
- Wire spool takes max 5kg/D200mm.



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
MIG-200G	220V ± 15% 50/60Hz	7.0	56	20-200	0.6-1.2	1.6-4.0	60

FEATURES

- Inverter technology, IGBT transistor.
- Versatile process MIG, MAG, FCW, MMA.
- Built in wire feeder / Separate wire feeder.
- Professional heavy industrial welding.



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Wire Diameter (mm)	Electrode diameter (mm)	Duty cycle (%)
MIG-300G	380V ± 15% 50/60Hz	12	56	30-300	0.6-1.6	1.6-5.0	60
MIG-350G(F)	380V ± 15% 50/60Hz	14	68	30-350	0.6-1.6	1.6-5.0	60
MIG-500G(F)	380V ± 15% 50/60Hz	25	68	30-500	0.6-1.6	1.6-6.0	60

MIG -300G/-350G -350GF/-500GF

ANALOGY MIG(GMAW) WELDING MACHINE



Available separate wire feeder options
MIG-350GF & MIG-500GF



SWF- 10C
2 ROLLS 4 ROLLS



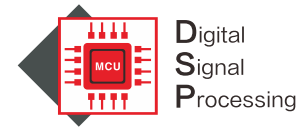
SWF- 10T
2 ROLLS 4 ROLLS

P820

NEW CONCEPT

Redefine the design of welding technology

- IGBT INVERTER TECHNOLOGY
- MEMORY
- SLEEP MODE ENERGY SAVING
- EXCELLENT VENTILATION
- OLED DISPLAY
- EXCELLENT PERFORMANCE
- FULL PROTECTION ON COMPONENTS
- HANDHELD PORTABLE



Digital Signal Processing

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Premium Welding Tool For Improved Productivity

P820 NEW CONCEPT Smartech

DIGITAL SIGNAL PROCESSING
HANDHELD ARC WELDING MACHINE

FEATURES

- Inverter technology, IGBT transistor.
- Effortless one touch setup, easy for using.
- Arc force, hot start ,anti stick , VRD.
- Handle held light weighted.
- Smoothly runs 1.6, 2.5, 3.2mm of Acid electrode, Basic electrode and Cellulosic electrode.
- Intelligent monitoring of the optimal working conditions and protections of all the components with alarms.



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Electrode diameter (mm)	Duty cycle (%)	Net weight (kg)
P820	220V ± 15% 50/60Hz	5.2	65	20-120	1.6-3.2	35	1.9
P820	110/220V	3.85/5.2	65	20-106 20-120	1.6-3.2	35	1.9

iARC -120SKN/-140SKN -160SKN/-180SKN/-200SKN

FEATURES

- Inverter technology, IGBT transistor.
- Arc force, hot start, anti stick, VRD.
- 2.5" OLED screen display.
- Sleep mode, energy saving.
- Multi process MMA, TIG lift.
- Intelligent monitoring of the optimal working conditions and protections of all the components with alarms.

DIGITAL SIGNAL PROCESSING
MMA (SMAW) WELDING MACHINE



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Electrode diameter (mm)	Duty cycle (%)
iARC-120SKN	220V ± 15% 50/60Hz	4.5	65	20-120	1.6-3.2	35
iARC-140SKN	220V ± 15% 50/60Hz	5.0	65	20-140	1.6-3.2	60
iARC-160SKN	220V ± 15% 50/60Hz	5.5	65	20-160	1.6-4.0	60
iARC-180SKN	220V ± 15% 50/60Hz	7.0	65	20-180	1.6-5.0	60
iARC-200SKN	220V ± 15% 50/60Hz	8.0	65	20-200	1.6-5.0	60

FEATURES

- Inverter technology, IGBT transistor.
- Arc force, hot start, anti stick, VRD.
- Sleep mode, energy saving.
- Multi process MMA, TIG lift.
- Intelligent monitoring of the optimal working conditions and protections of all the components with alarms.

DIGITAL SIGNAL PROCESSING
MMA (SMAW) WELDING MACHINE



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Electrode diameter (mm)	Duty cycle (%)
iARC-120	220V ± 15% 50/60Hz	4.5	65	20-120	1.6-3.2	35
iARC-140	220V ± 15% 50/60Hz	5.0	65	20-140	1.6-3.2	60
iARC-160	220V ± 15% 50/60Hz	5.5	65	20-160	1.6-4.0	60
iARC-180	220V ± 15% 50/60Hz	7.0	65	20-180	1.6-5.0	60
iARC-200	220V ± 15% 50/60Hz	8.0	65	20-200	1.6-5.0	60

MMA -100ZX/-120ZX -140ZX

MMA (SMAW) WELDING MACHINE



FEATURES

- Inverter technology, IGBT transistor.
- Arc force, hot start, anti stick.
- Portable design, light weighted.
- Able to use maximum 100 meters output cable without sacrificing output current .



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Electrode diameter (mm)	Duty cycle (%)
MMA-100ZX	220V ± 15% 50/60Hz	4.0	85	20-100	1.6-2.5	60
MMA-120ZX	220V ± 15% 50/60Hz	4.5	85	20-120	1.6-3.2	60
MMA-140ZX	220V ± 15% 50/60Hz	5.0	85	20-140	1.6-3.2	60

FEATURES

- Inverter technology, IGBT transistor.
- Arc force, hot start, anti stick.
- Portable design, light weighted.
- Able to use maximum 100 meters output cable without sacrificing output current.



MMA -120ZX-D -140ZX-D

MMA (SMAW) WELDING MACHINE



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Electrode diameter (mm)	Duty cycle (%)
MMA-120ZX-D	220V ± 15% 50/60Hz	4.5	85	20-120	1.6-3.2	60
MMA-140ZX-D	220V ± 15% 50/60Hz	5.0	85	20-140	1.6-3.2	60

MMA-140ZX/2

MMA (SMAW) WELDING MACHINE



FEATURES

- Inverter technology, IGBT transistor.
- Arc force, hot start, anti stick.
- Portable design, light weighted.



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Electrode diameter (mm)	Duty cycle (%)
MMA-140ZX/2	110/220V ± 15% 50/60Hz	5.0	85	20-140 20-120	1.6-3.2	60

MMA -160E -180E/-200E

MMA (SMAW) WELDING MACHINE



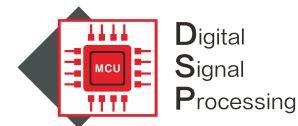
FEATURES

- Inverter technology, IGBT transistor.
- Arc force, hot start, anti stick.
- Portable design, light weighted.



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Electrode diameter (mm)	Duty cycle (%)
MMA-160E	220V ± 15% 50/60Hz	6.0	65	20-160	1.6-4.0	60
MMA-180E	220V ± 15% 50/60Hz	7.0	65	20-180	1.6-5.0	60
MMA-200E	220V ± 15% 50/60Hz	8.0	65	20-200	1.6-5.0	60



TIG -160 -200

TIG(GTAW) WELDING MACHINE



FEATURES

- Inverter technology, IGBT transistor.
- Arc force, hot start, anti stick.
- Portable design, light weighted.
- High frequency arc start.
- Multi-welding process TIG, MMA .



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Electrode diameter (mm)	Duty cycle (%)
TIG-160	220V ± 15% 50/60Hz	4.5	65	15-150	1.6-3.2	60
TIG-200	220V ± 15% 50/60Hz	5.5	65	15-200	1.6-4.0	60

FEATURES

- Inverter technology, IGBT transistor .
- AC/DC output for professional aluminum alloy welding.
- Pulse function.
- Arc force, hot start, anti stick.
- High frequency arc start.
- Multi-welding process TIG, MMA.



TIG-250P

Aluminum welding

TIG(GTAW) WELDING MACHINE



PARAMETERS

Model	Power input	Input capacity (kVA)	No-load voltage (V)	Welding amp (A)	Electrode diameter (mm)	Duty cycle (%)
TIG-250P	220V ± 15% 50/60Hz	6.5	65	15-200	1.6-4.0	60

CUT -40/-60 -60T

AIR PLASMA CUTTING MACHINE



FEATURES

- Inverter technology, IGBT transistor.
- High frequency arc start.
- Integral gas regulator.



PARAMETERS

Item	Model	Power voltage (V)	Rated input capacity (kVA)	No-load voltage (V)	Output current range (A)	Duty cycle (%)	Air pressure (bar)	Cutting thickness (mm)
CUT-40	CUT-40	220V ± 15% 50/60Hz	6.6	270	15-40	60	2-3	1-8
CUT-60	CUT-60	220V ± 15% 50/60Hz	10.4	300	20-60	60	4-5	1-20
CUT-60T	CUT-60T	380V ± 15% 50/60Hz	10.4	300	20-60	60	4-5	1-20

ACCESSORIES



POWER CABLE

- 2X1.5mm²
- 3x1.5/2.5mm²
- 4x1.5/2.5mm²



OUTPUT CABLE

- Copper coated aluminum cable
- Full copper cable



- | | |
|-------------------|-------------------|
| 12mm ² | 20mm ² |
| 14mm ² | 25mm ² |
| 16mm ² | 35mm ² |
| 18mm ² | |



FLOAT SWITCH LEVEL CONTROLLER

- Waterproof



Flood switch level controller is a switch that can adjust the liquid level in barrel, tank or well. It can be automatically adjusted, easy to operate, easy to install, safe and reliable, free from maintenance, nontoxic and environmentally friendly. It is resistant to sewage. Widely used in household, factory and mine pools, weak acid and weak alkali pools, barrels, tanks, irrigation containers, etc.

PARAMETERS:

Product size:	Length * width * thickness (7.6cm* 10.5cm*4.5cm)
Material:	nontoxic and environmentally friendly polypropylene
Micro-switch:	10(8)250V~10(4)A 380V Customizable 16(8)A
Current switch:	≥ 50000 (test the working switch according to VD. special standard)
Maximum temperature:	70°C

