



EVO20

New standard of UX in welding

Passionate About Your Welding



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New standard of UX in welding



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Flexible remote control solutions

FRC-01/HRC-01
HRC-02/FRC-02/HRC-03

JASIC's Story

JASIC is a forerunner of IGBT inverter welding technology, and its products were used in some of the most ambitious projects in modern history such as the Beijing Bird's Nest Stadium.

Founded in 2005, the company has grown into an international business with a \$200 million annual turnover* and over 1000 staffs worldwide. With 3 RDI centres, JASIC has more than 130 R&D personnel and industry-leading test laboratories appointed and authorized by TÜV Rheinland and CSA. Exporting to over 80 countries and regions, JASIC has an annual production capacity of 1 million machines.

JASIC is driven by its passion for the world's welding needs, and strives to deliver reliable and ecological solutions.

* Data of 2021 financial year



At A Glance



3 RDI
Centres



Exporting to
80+
Countries



200 Million
Annual Turnover

JASIC Quality

The concept of “JASIC Quality” goes well beyond product quality control. It’s about implementing sustainability strategies in all aspects of JASIC’s operation. As an ISO-certified company, JASIC strives to develop reliable, energy-efficient, and eco-friendly solutions to the global welding market. JASIC Quality ensures reliability and performance certified by the most prodigious quality management institutions in the world.



Industry-leading Test Laboratories

A crucial part of JASIC Quality, our test laboratories are appointed and authorized by both TÜV Rheinland and CSA Group. A total of 120+ power source level test items are available, assuring product compliance with the most stringent quality and safety standards.





2005

09.2005 Founding of JASIC

2007

04.2007 Expanded to Russia

Mass adaptation of IGBT technology in JASIC welding machines

06.2007 JASIC welding machines were used in the construction of the Beijing Bird Nest Stadium

12.2007 JASIC welding machines were used in the construction of the China Pavilion, World Expo 2010

2010

06.2010
Expanded to Thailand

2009

10.2009
Obtained CSA Certificate

2011

01.2011
Expanded to Vietnam
03.2011 Company Listed on Shenzhen Stock Exchange







Redefined Industrial Design & HMI (human-machine interface)

- Rugged, robust looks with ergonomic features
- User-centric human-machine interface experience
- Flexible remote control solutions

Solid Welding Performance

- **Dash-Arc** technology for high frequency TIG
- **Smart Lift-TIG** arc sensing technology
- Consistent and efficient MIG spot welding performance
- **Intelligent synergic control**

High Standards in Safety, Reliability, Sustainability

- Power factor correction (PFC) for improved overall energy efficiency, generator-friendliness
- Auto sleep mode for reduced energy consumption
- **Smart gas** for optimized shielding gas consumption



Wireless
connection



Dash-Arc
For HF TIG



Smart Lift-TIG



HF stabilizing
technology
For AC TIG



SurePlasma
technology
For non-HF CUT



Mesh cutting



Power factor
correction (PFC)



Wide
voltage
adaptation



Intelligent
synergic
control



50/60Hz
input power
source



On-demand
fan



Auto sleep
mode



Smart gas



Welding
engineer mode



LED inside
wire feeder
cabinet

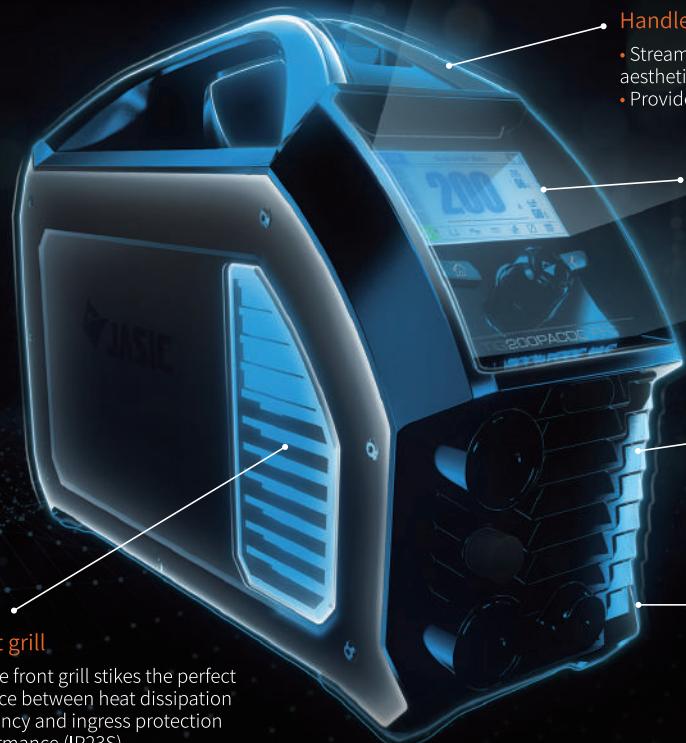


Handy accessory
storage slot



Energy saving
and environment
friendly

Industrial design highlights



Handle

- Streamline integrated handle that elevates overall aesthetics of the power source
- Provides comfortable, firm and glove-friendly grip

Control panel visibility

- Control panel with 45 degree slanted angle which achieves a good balance between visibility and viewing comfort, while enlarging area up to 41% compared to vertically positioned control panel

Overall look

- Rugged, robust, and industrial look

Lateral plate

- Detachable lateral plate for easy servicing
- Machine-stamped logo and contour (reinforced overall structure's impact strength)

Front grill

- Slope front grill strikes the perfect balance between heat dissipation efficiency and ingress protection performance (IP23S)



Color LCD control panel with intuitive user interface and refined touch

- Backlit silicone rotary knob with matte surface treatment
- Physical home and return button for instant access
- Easy access to user manual and spare part list

HD digital panel with **ClearVision** tech

- Integral full contact mirror hard panel
- Clear & crisp reading, visible under direct sunlight



Flexible remote control solutions



- Minimalist handheld remote control (wireless)



- Dedicated handheld remote control (wireless)



- Dedicated foot pedal remote control (wireless)



- Dedicated handheld remote control (wired)



- Dedicated foot pedal remote control (wired)

Solid welding performance



Dash-Arc technology for HF TIG

- Delivers 99+% arc striking success rate, high consistency & high ignition response rate (50~60ms)



Smart Lift-TIG

- Eliminates weld defects by monitoring the arc and stopping it when necessary
- Detects short circuit caused by accidental contact between the tungsten tip and the workpiece and keeps the weld going
- Improves arc ignition success rate and effectively avoids tungsten tip sticking, contamination, and damage



Intelligent Synergic Control



Welding engineer mode

- Provides access to adjust in-depth parameters, allowing greater freedom in parameter customization

MIG spot welding performance

- High arc ignition response rate & excellent consistency
- Capable of delivering 60+ manual weld spots per minute
- High weld joint uniformity

Plasma cutting features



SurePlasma technology for non-HF CUT

- Special software algorithm automatically adjusts parameters in accordance with different plasma torch length, achieving high arc ignition success rate



Mesh cutting

High standards in safety, reliability, sustainability

Redefined internal structure

ABAP: Active Balancing Air Passage

- Internal airflow is optimally diverged by a segregation structure
- The divergence of airflow can dissipate heat generated by different power electronics in a more balanced manner
- The power source's overall reliability is improved thanks to this internal structure design

Sustainability features



Power factor correction

- Improves overall energy efficiency
- Allows use with generator



Smart gas

- Automatic postflow time adjustment for TIG welding according to actual welding current and time, etc.
- Reduces shielding gas consumption up to 40% compared to conventional products



Auto sleep mode

- Power source will enter standby mode after being idle for 10 minutes
- Reduces standby power consumption to below 15W, over 60% energy economized compared to conventional products



Compatible with input power sources of AC 95~265 V



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ARC160



Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision Technology**
- **Intelligent synergic control**
- **Smart Lift TIG**
- Anti-stick, adjustable Hot Start and Arc Force
- Quick factory reset
- Dedicated wireless remote control (minimalist version)
- Remote control receiver module (optional)
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

ARC160 Z2S12		
Input power	AC230 V ±15%, 50/60 Hz	
Open circuit voltage	62 V	
MMA	Rated input current	33 A
	Rated input power capacity	7.6 kVA
	Output current range	20~160 A
	Rated duty cycle	25%
TIG	Rated input current	24 A
	Rated input power capacity	5.5 kVA
	Output current range	10~160 A
	Rated duty cycle	25%
Efficiency	87%	
Power factor	0.64	
Idle state power	22.6 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	375×131×252 mm	
Net weight	5.5 kg	



Standard Accessories

- 2 pcs quick plugs



ARC200



Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision Technology**
- **Intelligent synergic control**
- **Smart Lift TIG**
- Anti-stick, adjustable Hot Start and Arc Force
- Quick factory reset
- Dedicated wireless remote control (minimalist version)
- Remote control receiver module (optional)
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

ARC200 Z2S32		
Input power	AC230 V ±15%, 50/60 Hz	
Open circuit voltage	62 V	
MMA	Rated input current	39 A
	Rated input power capacity	9 kVA
	Output current range	20~200 A
	Rated duty cycle	25%
TIG	Rated input current	27 A
	Rated input power capacity	6.2 kVA
	Output current range	10~200 A
	Rated duty cycle	25%
Efficiency	87%	
Power factor	0.72	
Idle state power	25.4 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	375×131×252 mm	
Net weight	5.5 kg	



Standard Accessories

- 2 pcs quick plugs



ARC160 PFC



Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision Technology**
- **Intelligent synergic control**
- **Smart Lift TIG**
- Adaptable wide voltage range
- Quick factory reset
- Anti-stick, adjustable Hot Start and Arc Force
- Dedicated wireless remote control (minimalist version)
- Remote control receiver module (optional)
- Power factor correction (PFC), generator-friendly
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

ARC160 PFC Z2S22		
Input power		AC95~265 V, 50/60 Hz
	AC115V	AC230V
Open circuit voltage		
	78V	
MMA	Rated input current	28.7 A
	Rated input power capacity	3.3 kVA
	Output current range	20~110 A
	Rated duty cycle	25%
TIG	Rated input current	23.3 A
	Rated input power capacity	2.2 kVA
	Output current range	10~120 A
	Rated duty cycle	25%
Efficiency		
	86%	
Power factor		
	0.99	
Idle state power		
	MMA: 38.2 W TIG: 7 W	
Protection class		
	IP23S	
Insulation class		
	H	
Dimensions L×W×H		
	413×150×311 mm	
Net weight		
	7.2 kg	



Standard Accessories

- 2 pcs quick plugs



ARC200 PFC



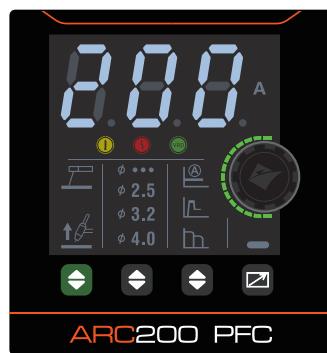
Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision Technology**
- **Intelligent synergic control**
- **Smart Lift TIG**
- Adaptable wide voltage range
- Quick factory reset
- Anti-stick, adjustable Hot Start and Arc Force
- Dedicated wireless remote control (minimalist version)
- Remote control receiver module (optional)
- Power factor correction (PFC), generator-friendly
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheating protection



Specifications:

ARC200 PFC Z2S42		
Input power	AC95~265 V, 50/60 Hz	
	AC115 V	AC230 V
Open circuit voltage	78V	
MMA	Rated input current	31.2 A
	Rated input power capacity	3.6 kVA
	Output current range	20~120 A
	Rated duty cycle	25%
TIG	Rated input current	27.2 A
	Rated input power capacity	3.1 kVA
	Output current range	10~160 A
	Rated duty cycle	25%
Efficiency	85%	
Power factor	0.99	
Idle state power	MMA: 46.8 W	TIG: 7 W
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	413×150×311 mm	
Net weight	7.2 kg	



Standard Accessories

- 2 pcs quick plugs





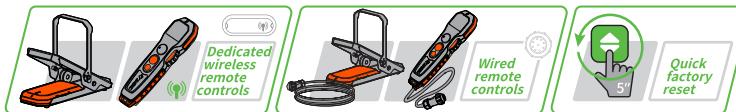
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MIG160

Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Intelligent synergic control**
- Welding engineer mode
- **Smart Lift TIG**
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:



		MIG160 N2S12
Input power	AC230 V ±15%, 50/60 Hz	
Open circuit voltage	60 V	
MIG	Rated input current	46 A
	Rated input power capacity	7.28 kVA
	Output current range	30~160 A
	Rated duty cycle	30%
	Wire feed speed	2~14 m/min
	Wire spool size	D200
MMA	Rated input current	29 A
	Rated input power capacity	7.26 kVA
	Output current range	20~140 A
	Rated duty cycle	30%
TIG	Rated input current	26 A
	Rated input power capacity	5.98 kVA
	Output current range	5~160 A
	Rated duty cycle	30%
Efficiency	83.6%	
Power factor	0.58	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	565×220×415 mm	
Net weight	15 kg	



Standard Accessories

- 3M MB-15 MIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps

MIG200



Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Intelligent synergic control**
- Welding engineer mode
- **Smart Lift TIG**
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

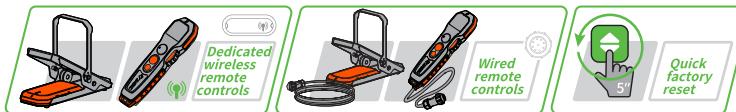
MIG200 N2S32		
Input power	AC230V ±15%, 50/60 Hz	
Open circuit voltage	60 V	
MIG	Rated input current	46 A
	Rated input power capacity	8.85 kVA
	Output current range	30~200 A
	Rated duty cycle	30%
	Wire feed speed	2~15 m/min
	Wire spool size	D200
MMA	Rated input current	36 A
	Rated input power capacity	8.81 kVA
	Output current range	20~180 A
	Rated duty cycle	30%
TIG	Rated input current	32 A
	Rated input power capacity	7.53 kVA
	Output current range	5~200 A
	Rated duty cycle	30%
Efficiency	81.4%	
Power factor	0.65	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	565×220×415 mm	
Net weight	15 kg	



Standard Accessories

- 3M MB-15 MIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps





MIG160 PFC

Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision Technology**
- **Intelligent synergic control**
- Adaptable wide voltage range
- Welding engineer mode
- **Smart Lift TIG**
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:



		MIG160 PFC N2S22	
Input power		AC95~265 V, 50/60 Hz	
		AC115 V	AC230 V
Open circuit voltage		67 V	
MIG	Rated input current	37.5 A	33 A
	Rated input power capacity	2.98 kVA	4.22 kVA
	Output current range	30~120 A	30~160 A
	Rated duty cycle	30%	
	Wire feed speed	2~11 m/min	2~14 m/min
MMA	Wire spool size	D200	
	Rated input current	25.3 A	18.5 A
	Rated input power capacity	2.26 kVA	4.19 kVA
	Output current range	20~100 A	20~140 A
	Rated duty cycle	30%	
TIG	Rated input current	16.4 A	14.4 A
	Rated input power capacity	1.79 kVA	3.23 kVA
	Output current range	5~100 A	5~160 A
	Rated duty cycle	30%	
	Efficiency	84%	
Power factor		0.99	
Idle state power		<50 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		565×220×415 mm	
Net weight		16 kg	



Standard Accessories

- 3M MB-15 MIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps

MIG200 PFC



Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Intelligent synergic control**
- Adaptable wide voltage range
- Welding engineer mode
- **Smart Lift TIG**
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

MIG200 PFC N2S62		
Input power		AC95~265 V, 50/60 Hz
	AC115 V	AC230 V
Open circuit voltage		67V
MIG	Rated input current	41.8 A
	Rated input power capacity	3.68 kVA
	Output current range	30~140 A
	Rated duty cycle	25%
	Wire feed speed	2~13 m/min
	Wire spool size	D200
MMA	Rated input current	28.5 A
	Rated input power capacity	3.28 kVA
	Output current range	20~110 A
	Rated duty cycle	25%
TIG	Rated input current	23.7 A
	Rated input power capacity	2.79 kVA
	Output current range	5~140 A
	Rated duty cycle	25%
Efficiency	84%	
Power factor	0.99	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	565×220×415 mm	
Net weight	16 kg	



Standard Accessories

- 3M MB-15 MIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps





MIG250

Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision Technology**
- **Intelligent synergic control**
- Welding engineer mode
- **Smart Lift TIG**
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:



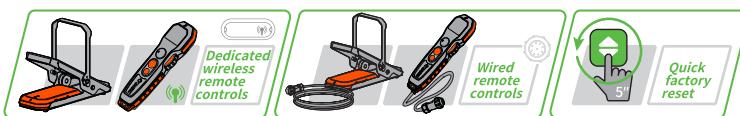
		MIG250 N2S82
Input power	AC230 V ±15%, 50/60 Hz	
Open circuit voltage	60 V	
MIG	Rated input current	46.3 A
	Rated input power capacity	10.51 kVA
	Output current range	30~250 A
	Rated duty cycle	30%
	Wire feed speed	2~18 m/min
	Wire spool size	D300
MMA	Rated input current	41.3 A
	Rated input power capacity	10.16 kVA
	Output current range	20~220 A
	Rated duty cycle	30%
TIG	Rated input current	33.5 A
	Rated input power capacity	9.08 kVA
	Output current range	5~250 A
	Rated duty cycle	30%
Efficiency	85.7%	
Power factor	0.73	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	700×280×511 mm	
Net weight	23.5 kg	



Standard Accessories

- 3M MB-24 MIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps

MIG250 PFC



Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision Technology**
- **Intelligent synergic control**
- Welding engineer mode
- **Smart Lift TIG**
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheating protection



Specifications:

MIG250 PFC N2SA2		
Input power		AC95~265 V, 50/60 Hz
	115 V	230 V
Open circuit voltage		65 V
MIG	Rated input current	38.7 A
	Rated input power capacity	4.32 kVA
	Output current range	30~160 A
	Rated duty cycle	30%
	Wire feed speed	2~13 m/min
	Wire spool size	D300
MMA	Rated input current	33 A
	Rated input power capacity	3.75 kVA
	Output current range	20~125 A
	Rated duty cycle	30%
TIG	Rated input current	28.9 A
	Rated input power capacity	3.31 kVA
	Output current range	5~160 A
	Rated duty cycle	30%
Efficiency	85%	
Power factor	0.99	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	700×280×511 mm	
Net weight	26.5 kg	



Standard Accessories

- 3M MB-24 MIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps





MIG200 PFC

Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Intelligent synergic control**
- Adaptable wide voltage range
- Welding engineer mode
- **Smart Lift TIG**
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch, spool gun and pull-push torch
- LED inside wire feeder cabinet; handy accessory storage slot
- On demand fan
- Trolley with cylinder holder
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent, overheat, overvoltage protection



Specifications:



		MIG200 PFC N2S52	
Input power		AC95~265 V, 50/60 Hz	
		115 V	230 V
Open circuit voltage		68 V	
MIG	Rated input current	38.1 A	32.8 A
	Rated input power capacity	4.4 kVA	7.5 kVA
	Output current range	30~140 A	30~200 A
	Rated duty cycle	30%	
	Wire feed speed	2~12 m/min	2~16 m/min
MMA	Wire spool size	D300	
	Rated input current	28.3 A	24.8 A
	Rated input power capacity	3.2 kVA	5.7 kVA
	Output current range	20~110 A	20~180 A
	Rated duty cycle	30%	
TIG	Rated input current	24.2 A	19.3 A
	Rated input power capacity	2.8 kVA	4.4 kVA
	Output current range	5~140 A	5~200 A
	Rated duty cycle	30%	
	Efficiency	>80%	
Power factor		0.99	
Idle state power		<50 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		920×480×755 mm	
Net weight		41.9 kg	



Standard Accessories

- 3M MB-15 MIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps

MIG250 PFC



Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Intelligent synergic control**
- Adaptable wide voltage range
- Welding engineer mode
- **Smart Lift TIG**
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch, spool gun and pull-push torch
- LED inside wire feeder cabinet; handy accessory storage slot
- On demand fan
- Trolley with cylinder holder
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent, overheat, overvoltage protection



Specifications:

MIG250 PFC N2SB2		
Input power	AC95~265 V, 50/60 Hz	
	115 V	230 V
Open circuit voltage	70 V	
MIG	Rated input current	53.2 A
	Rated input power capacity	6.1 kVA
	Output current range	30~160 A
	Rated duty cycle	30%
	Wire feed speed	2~14 m/min
	Wire spool size	D300
MMA	Rated input current	33 A
	Rated input power capacity	3.8 kVA
	Output current range	20~125 A
	Rated duty cycle	30%
TIG	Rated input current	29.1 A
	Rated input power capacity	3.3 kVA
	Output current range	5~160 A
	Rated duty cycle	30%
Efficiency	>80%	
Power factor	0.99	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	920×480×755 mm	
Net weight	41.9 kg	



Standard Accessories

- 3M MB-24 MIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps



 JASIC®**EVO 2.0**

New standard of UX in welding

MIG200 PFC LCD



Features:

- Rugged, robust, and industrial look with ergonomic design
- Color LCD control panel
- **Intelligent synergic control**
- Adaptable wide voltage range
- **Smart Lift TIG**
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch, spool gun and pull-push torch
- LED inside wire feeder cabinet; handy accessory storage slot
- On demand fan
- Trolley with cylinder holder
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent, overheat, overvoltage protection



Specifications:

MIG200 PFC LCD N2S53		
Input power	AC95~265 V, 50/60 Hz	
	115 V	230 V
Open circuit voltage	68 V	
MIG	Rated input current	38.1 A
	Rated input power capacity	4.4 kVA
	Output current range	30~140 A
	Rated duty cycle	30%
	Wire feed speed	2~12 m/min
	Wire spool size	D300
MMA	Rated input current	28.3 A
	Rated input power capacity	3.2 kVA
	Output current range	20~110 A
	Rated duty cycle	30%
TIG	Rated input current	24.2 A
	Rated input power capacity	2.8 kVA
	Output current range	5~140 A
	Rated duty cycle	30%
Efficiency	>80%	
Power factor	0.99	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	920×480×755 mm	
Net weight	41.9 kg	



Standard Accessories

- 3M MB-15 MIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps





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EVO 20

New standard of UX in welding



TIG200

Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured TIG parameters
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

		TIG200 W2S22
Input power		AC230 V ±15%, 50/60 Hz
Open circuit voltage		62 V
TIG	Rated input current	27 A
	Rated input power capacity	6.2 kVA
	Output current range	5~200 A
	Rated duty cycle	25%
MMA	Rated input current	29 A
	Rated input power capacity	6.7 kVA
	Output current range	10~160 A
	Rated duty cycle	20%
Efficiency		86%
Power factor		0.68
Idle state power		MMA: 25 W TIG: 2.4 W
Protection class		IP23S
Insulation class		H
Dimensions L×W×H		413×150×311 mm
Net weight		7.92 kg

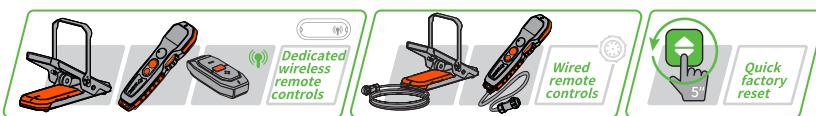


Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode



TIG200P



Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured pulse TIG parameters
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

TIG200P W2S52		
Input power	AC230 V ±15%, 50/60 Hz	
Open circuit voltage	62 V	
TIG	Rated input current	27 A
	Rated input power capacity	6.2 kVA
	Output current range	5~200 A
	Rated duty cycle	25%
MMA	Rated input current	29 A
	Rated input power capacity	6.7 kVA
	Output current range	10~160 A
	Rated duty cycle	20%
Efficiency	86%	
Power factor	0.68	
Idle state power	MMA: 25 W TIG: 2.4 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	413×150×311 mm	
Net weight	7.92 kg	



Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode





TIG200 PFC

Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- Adaptable wide voltage range
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured TIG parameters
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

TIG200 PFC W2S42		
Input power	AC95~265 V, 50/60 Hz	
	AC115V	AC230V
Open circuit voltage		68 V
TIG	Rated input current	29.7 A
	Rated input power capacity	3.4 kVA
	Output current range	5~160 A
	Rated duty cycle	25%
MMA	Rated input current	31.6 A
	Rated input power capacity	3.7 kVA
	Output current range	10~120 A
	Rated duty cycle	25%
Efficiency	84%	
Power factor	0.99	
Idle state power	MMA: 33 W TIG: 7 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	453×150×313 mm	
Net weight	8.97 kg	



Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode



TIG200P PFC



Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- Adaptable wide voltage range
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured pulse TIG parameters
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

TIG200P PFC W2S62		
Input power	AC95~265 V, 50/60 Hz	
	AC115 V	AC230 V
Open circuit voltage	68 V	
TIG	Rated input current	29.7 A
	Rated input power capacity	3.4 kVA
	Output current range	5~160 A
	Rated duty cycle	25%
MMA	Rated input current	31.6 A
	Rated input power capacity	3.7 kVA
	Output current range	10~120 A
	Rated duty cycle	25%
Efficiency	84%	
Power factor	0.99	
Idle state power	MMA: 33 W TIG: 7 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	453×150×313 mm	
Net weight	8.97 kg	



Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode





TIG200PACDC

Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- HF stabilizing technology
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured pulse TIG parameters
- Multiple AC waveforms
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Water cooled option available
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

		TIG200PACDC E2S12
Input power	AC230 V±15%, 50/60 Hz	
Open circuit voltage	60 V	
TIG	Rated input current	25 A
	Rated input power capacity	6.0 kVA
	Output current range	DC: 5~200 A AC: 20~200 A
	Rated duty cycle	25%
MMA	Rated input current	27 A
	Rated input power capacity	7.0 kVA
	Output current range	10~160 A
	Rated duty cycle	20%
Efficiency	80%	
Power factor	0.75	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	490×165×341 mm	
Net weight	11.7 kg	



Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps



TIG200PACDC PFC



Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- Adaptable wide voltage range
- HF stabilizing technology
- **Dash-Arc**
- **Smart Lift TIG**
- Full-featured pulse TIG parameters
- Multiple AC waveforms
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Water cooled option available
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

TIG200P ACDC PFC E2S22		
Input power		AC95~265 V, 50/60 Hz
	AC115 V	AC230 V
TIG	Rated input current	32.2 A
	Rated input power capacity	3.5 kVA
	Output current range	DC: 5~160 A AC: 20~160 A
	Rated duty cycle	25%
MMA	Rated input current	34.1 A
	Rated input power capacity	3.9 kVA
	Output current range	10~120 A
	Rated duty cycle	30%
Efficiency	80%	
Power factor	0.95	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	490×165×341 mm	
Net weight	11.9 kg	



Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps





TIG200PACDC LCD

Features:

- Rugged, robust, and industrial look with ergonomic design
- Color LCD control panel
- HF stabilizing technology
- **Dash-Arc**
- **Smart Lift TIG**
- Job parameters saver
- Full-featured pulse TIG parameters
- Multiple AC waveforms
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Water cooled option available
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

TIG200P ACDC LCD E2S13		
Input power	AC230 V ±15%, 50/60 Hz	
Open circuit voltage	60 V	
TIG	Rated input current	25 A
	Rated input power capacity	6.0 kVA
	Output current range	DC: 5~200 A AC: 20~200 A
	Rated duty cycle	25%
MMA	Rated input current	27 A
	Rated input power capacity	7.0 kVA
	Output current range	10~160 A
	Rated duty cycle	20%
Efficiency	80%	
Power factor	0.75	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	490×165×341 mm	
Net weight	11.7 kg	



Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps



TIG200PACDC PFC LCD



Features:

- Rugged, robust, and industrial look with ergonomic design
- Color LCD control panel
- Adaptable wide voltage range
- HF stabilizing technology
- **Dash-Arc**
- **Smart Lift TIG**
 - Job parameters saver
 - Full-featured pulse TIG parameters
 - Multiple AC waveforms
 - Mixed waveform, mixed waveform frequency, mixed wave duty cycle
 - Flexible remote control solutions
 - Power factor correction (PFC), generator-friendly
 - Quick factory reset; auto sleep mode
 - Water cooled option available
- **ABAP: Active Balancing Air Passage**
- **Smart gas** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

TIG200P ACDC PFC LCD E2S23		
Input power	AC95~265 V, 50/60 Hz	
	AC115 V	AC230 V
Open circuit voltage	65 V	
TIG	Rated input current	32.2 A
	Rated input power capacity	3.5 kVA
	Output current range	DC: 5~160 A AC: 20~160 A
	Rated duty cycle	25%
MMA	Rated input current	34.1 A
	Rated input power capacity	3.9 kVA
	Output current range	10~120 A
	Rated duty cycle	30%
Efficiency	80%	
Power factor	0.95	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	490×165×341 mm	
Net weight	11.9 kg	



Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earth clamp
- 1 pc quick socket
- 2 pcs hose clamps



Water cooler

LC-30

**Features:**

- Stable water flow by water-flow stabilizing technology
- Overheat protection
- Water-flow protection
- Automatic pressure relieving device

Specifications:

	LC-30 C0S1
Input power source	1ph AC95~265V, 50/60Hz
Input power	AC115@92 W AC230@115 W
Tank volume	3.5 l
Maximum water pressure	0.48 MPa
Maximum water flow	4 l/min
Cooling power	0.52 kW (1l/min)
Protection class	IP23S
Coolant	Purified water, anti-freezing liquid, mixed liquid
Operating temperature range	Mixed liquid, purified water: 5 °C~60 °C Anti-freezing liquid: -20 °C~60 °C
Storage temperature	-20 °C~60 °C
Noise	<70 dB
Machine dimensions	527×182×224 mm
Weight	8.6 kg







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CUT40 HF

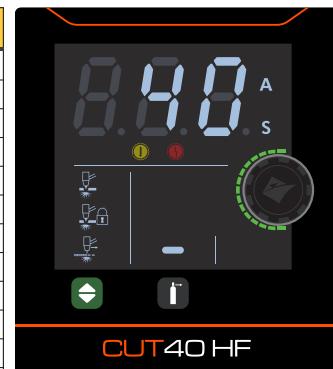
Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision Technology**
- Welding engineer mode
- Mesh cutting, 2T/4T, HF arc ignition and pilot arc
- Gas check, postflow time setting, cutting torch length setting
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

	CUT40 HF L2S22
Input power	AC230 V ±15%, 50/60 Hz
Open circuit voltage	280 V
Rated input current	26 A
Rated input power capacity	6.0 kVA
Output current range	20~40 A
Arc starting	HF
Rated duty cycle	25%
Good cutting (carbon steel)/@400mm/min	10 mm
Severance (carbon steel)	20 mm
Efficiency	88%
Power factor	0.6
Idle state power	<50 W
Protection class	IP23S
Insulation class	H
Dimensions L×W×H	546×166×341 mm
Net weight	9.6 kg



Standard Accessories

- 6M IPT40 cutting torch
- 3M earth clamp
- 2 pcs electrodes
- 2 pcs nozzles
- 2 pcs hose clamps
- Quick socket

CUT40 NHF



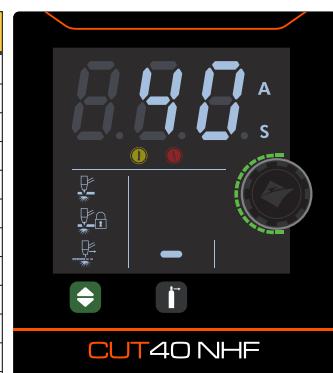
Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- Welding engineer mode
- **SurePlasma** technology for consistent arc ignition performance with different torch lengths
- Mesh cutting, 2T/4T, non HF arc ignition and pilot arc
- Gas check, postflow time setting, cutting torch length setting
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

CUT40 NHF L2S32	
Input power	AC230 V ±15%, 50/60 Hz
Open circuit voltage	280 V
Rated input current	26 A
Rated input power capacity	6 kVA
Output current range	20~40 A
Arc starting	NHF
Rated duty cycle	25%
Good cutting (carbon steel)/@400mm/min	10 mm
Severance (carbon steel)	20 mm
Efficiency	88%
Power factor	0.6
Idle state power	<50 W
Protection class	IP23S
Insulation class	H
Dimensions L×W×H	546×166×341 mm
Net weight	9.2 kg



Standard Accessories

- 6M IPT40 cutting torch
- 3M earth clamp
- 2 pcs electrodes
- 2 pcs nozzles
- 2 pcs hose clamps
- Quick socket





CUT45 PFC

Features:

- Rugged, robust, and industrial look with ergonomic design
- **ClearVision** Technology
- Adaptable wide voltage range
- Welding engineer mode
- **SurePlasma** technology for consistent arc ignition performance with different torch lengths
- Mesh cutting, 2T/4T, non HF arc ignition and pilot arc
- Gas check, postflow time setting, cutting torch length setting
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Key power electronic component protection
- Overcurrent and overheat protection



Specifications:

	CUT45 PFC L2S42	
Input power	AC95~265 V, 50/60 Hz	
	115 V	230 V
Open circuit voltage	300 V	
Rated input current	31 A	23 A
Rated input power capacity	3.6 kVA	5.3 kVA
Output current range	20~30 A	20~45 A
Arc starting	NHF	
Rated duty cycle	25%	
Good cutting (carbon steel)/@400mm/min	5 mm	14 mm
Severance (carbon steel)	12 mm	25 mm
Efficiency	86%	
Power factor	0.99	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	546×166×341 mm	
Net weight	10 kg	



Standard Accessories

- 6M IPT40 cutting torch
- 3M earth clamp
- 2 pcs electrodes
- 2 pcs nozzles
- 2 pcs hose clamps
- Quick socket

CUT45 PFC LCD

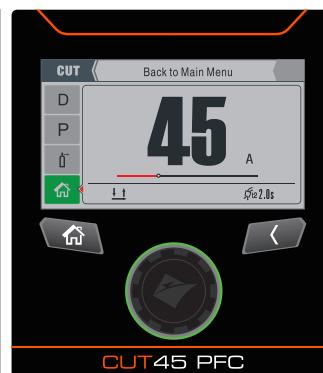
Features:

- Rugged, robust, and industrial look with ergonomic design
- Color LCD control panel
- Adaptable wide voltage range
- **SurePlasma** technology for consistent arc ignition performance with different torch lengths
- Mesh cutting, 2T/4T, non HF arc ignition and pilot arc
- Gas check, postflow time setting, cutting torch length setting
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- On demand fan
- Key power electronic component protection
- Overcurrent and overheating protection



Specifications:

CUT45 PFC LCD L2S43		
Input power	AC95~265 V, 50/60 Hz	
	115 V	230 V
Open circuit voltage	300 V	
Rated input current	31 A	23 A
Rated input power capacity	3.6 kVA	5.3 kVA
Output current range	20~30 A	20~45 A
Arc starting	NHF	
Rated duty cycle	25%	
Good cutting (carbon steel)/@400mm/min	5 mm	14 mm
Severance (carbon steel)	12 mm	25 mm
Efficiency	86%	
Power factor	0.99	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	546×166×341 mm	
Net weight	10 kg	



Standard Accessories

- 6M IPT40 cutting torch
- 3M earth clamp
- 2 pcs electrodes
- 2 pcs nozzles
- 2 pcs hose clamps
- Quick socket





CUT45 PFC SC

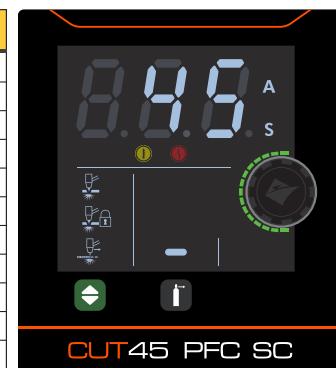


Features:

- With separated compressor unit
- Rugged, robust, and industrial look with ergonomic design
- ClearVision** Technology
- Adaptable wide voltage range
- Welding engineer mode
- SurePlasma** technology for consistent arc ignition performance with different torch lengths
- Mesh cutting, 2T/4T, non HF arc ignition and pilot arc
- Gas check, postflow time setting, cutting torch length setting
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- ABAP: Active Balancing Air Passage**
- On demand fan
- Key power electronic component protection
- Overcurrent and overheat protection

Specifications:

	CUT45PFC SC L2S421	
Input power	AC95~265 V, 50/60 Hz	
	115 V	230 V
Open circuit voltage	300 V	
Rated input current	37 A	27 A
Rated input power capacity	4.3 kVA	6.2 kVA
Output current range	20~30 A	20~45 A
Arc starting	NHF	
Rated duty cycle	25%	
Good cutting (carbon steel)/@400mm/min	5 mm	14 mm
Severance (carbon steel)	12 mm	25 mm
Efficiency	86%	
Power factor	0.99	
Idle state power	<50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	548×187×558 mm	
Net weight	26.5 kg	



Standard Accessories

- 6M IPT40 cutting torch
- 3M earth clamp
- 2 pcs electrodes
- 2 pcs nozzles
- 2 pcs hose clamps
- Quick socket

Flexible remote control solutions



Dedicated handheld remote control (wired)

Model: HRC-01

Dimensions:

206.0 mm×52.0 mm×36.0 mm (Without hook)

206.0 mm×52.0 mm×42.0 mm (With hook)

Interface: 9-pin aviation connector

Wired range:10 m



Dedicated foot pedal remote control (wired)

Model: FRC-01

Dimensions:

324.0 mm×143.0 mm×237.3 mm (Opened)

319.0 mm×143.0 mm×82.5 mm (Closed)

Interface: 9-pin aviation connector

Wired range:10 m



Dedicated handheld remote control (wireless)

Model: HRC-02

Dimensions:

203.0 mm×52.0 mm×32.0 mm (Without hook)

203.0 mm×52.0 mm×42.0 mm (With hook)

Wireless range: 30 m



Minimalist handheld remote control (wireless)

Model: HRC-03

Dimensions: 68.0 mm×32.0 mm×18.0 mm

Interface: 433MHz wireless communication interface

Wireless range: 30 m



Dedicated foot pedal remote control (wireless)

Model: FRC-02

Dimensions:

311.3 mm×143.0 mm×237.3 mm (Opened)

306.3 mm×143.0 mm×82.5 mm (Closed)

Wireless range: 30 m

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