

CUT80 SC (L2S62)

CUT100 SC (L2S72)



Power Source

Rugged and robust EVO20 family look

3-phase CUT/MMA powerhouses that excel in diverse job settings

Powerful and efficient cutting:

- Max. quality cut 20mm (CUT80 SC, Carbon Steel)
- Max. quality cut 25mm (CUT100 SC, Carbon Steel)

SurePlasma technology automatically adjusts parameters in accordance with different plasma torch lengths, achieving a high arc ignition success rate

Mesh cutting function for perforated metal

Modular design with flexible air supply options

- Power source can be merge with air compressor module and trolley
- Power source compatible with third-party air compressor
- Air compressor module can function as standalone air supply unit to other equipment

Optional CNC Interface: CNC cutting system integration possible

HF (high-frequency) and non-HF ignition versions available

USB Type-C port for software updates and device charging

Specifications

Plasma Cutters		CUT80 SC(L2S62)	CUT100 SC(L2S72)
Input Power Source		3ph, AC400V±15%, 50Hz	3ph, AC400V±15%, 50Hz
CUT	Rated Input Current	19 A	25 A
	Power Capacity	12.5 kVA	16.5 kVA
	Output Current Range	20~80 A	20~100 A
	Open Circuit Voltage	325 V	325 V
	Duty Cycle	40%	40%
	Good Cutting (Carbon Steel)	20mm@400mm/min	25mm@400mm/min
MMA	Severance (Carbon Steel)	35mm	40mm
	Rated Input Current	18 A	18 A
	Power Capacity	12 kVA	12 kVA
	Output Current Range	50~280 A	50~280 A
	Arc Force Range	0~60 A	0~60 A
	Hot Start Current	40 A	40 A
	Open Circuit Voltage	77 V	77 V
	Duty Cycle	25%	30%
Power Factor		≥0.9	≥0.9
Efficiency (at max current)		≥85%	≥85%
Idle Power Consumption		11 W	11 W
Insulation Class		H	H
Protection Class		IP23S	IP23S
Dimensions (L×W×H)		626×230×416 mm	626×230×416 mm
Net Weight		22 kg	23 kg

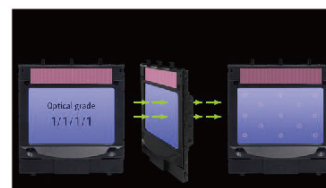


Standard Accessories

- 6M IPT80 plasma cutting torch(80A) for CUT80 SC
- 6M IPT100 plasma cutting torch (100A) for CUT100 SC
- 1 pc electrode
- 1 pc nozzle
- 300A earth clamp (3M, 25mm²)

Air Compressor	AP-140 (A0S2)	AP-150 (A0S1)
Input Power Source	3ph, AC400V±15%, 50 Hz	3ph AC400V±15%, 50 Hz
Rated Input Current	2.7 A	3 A
Power Capacity	1400 kVA	1500 kVA
Air Flow Rate	145 L/min	150 L/min
Air Pressure	0.4 MPa	0.4 MPa
Insulation Class	H	H
Protection Class	IP23S	IP23S
Dimensions (L×W×H)	547×230×318 mm	547×230×318 mm
Net Weight	20 kg	21 kg

AP-140 air compressor is recommended for CUT80 SC.
AP-150 air compressor is recommended for CUT100 SC.

MRC-9
(P1S6)

Remote control and feedback module

- Lateral control knobs for quick welding parameter adjustment
- Voice feedback enabled
- Powered by 1200mAh battery lasts up to 1 month
- USB Type-C charging

High performance lens

- 1/1/1/1 true color lens
- Large viewing area 3.94" x 2.56"
- 4 sensors with 0.03ms response time
- Wide shade range from DIN 3 (light) to 4-8/9-13 (dark)
- Anti blue light tech reduces eye fatigue for prolonged use comfort
- UV/IR protection: Up to Shade DIN 16 at all times

Other features

- Compatible with standard PAPR systems
- Compliant with DIN EN 379, DIN EN 175, and ANSI Z87.1-2015 standards

Specifications

Welding Helmet	MRC-9 (P1S6)
Viewing Area	100 x 65 mm
Number of Sensors	4
Optical Class (CE)	1/1/1/1
Cartridge Size	122 x 125 x 9 mm
UV/IR Protection	Up to shade DIN 16 at all times
Light State	Shade DIN 3 or DIN 4 (Internal)
Variable Shade Range	DIN 4~8/9~13
Power On/Off	Fully automatic
Sensitivity Control	Internally adjustable
Mode Selection	Welding/Grinding selectable
Switching Time (Light to Dark)	1/30,000 s
Switching Time (Dark to Light)	0.25~0.8 s (adjustable)
Working Voltage (For remote control)	3.7V
Working Distance (For remote control)	30 m
Battery Type	Solar cells + Lithium battery (1200mAh)
Battery Life	40 days (for remote control; life varies with usage frequency)
Helmet Material	High-impact resistant plastic/Polyamide (Nylon)
Protection Class	IP21
Environmental Standard	ROHS 2.0
Dimensions (L×W×H)	230*225*320 mm
Total Weight	610 g (Net)/ 910 g (Gross)