

Direct Current
Output50/60Hz Input
Power SourceForced
Air CoolingEnergy Saving
And Environment
Friendly

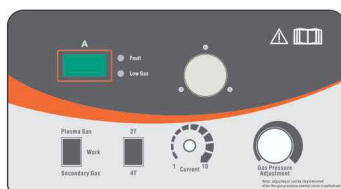
Features

- IGBT module inverter technology.
- Low cost cutting with high stable and stiff arc, which brings you smooth cutting notch and small cutting angle (ISO9013:2002(E) standard 4-5); less slag and warping; smaller heat affected area.
- Pilot Arc Start increases cutting efficiency.
- Conveniently and quickly cut metal plate.
- Built-in air filter and regulator.
- Equipped with over/under voltage, as well as insufficient compressor air pressure protection.
- Smooth cutting surface with high cutting speed.
- Widely used in cutting carbon steel, stainless steel, copper, cast iron and aluminium, etc.
- Strengthened and protection on cutting torch connector largely enhances operator's safety.
- International Standard IEC 60974-1

Specifications

Standard

- Pre-flow/Post Flow
- 2T/4T
- Gas Detection
- Pilot Arc
- O.H. protection
- O.C. protection
- Gridding Cutting



Optional

- CNC interface
- Non HF
- Euro Connectors
- Mechanized Torch Trafimet A151 with 10 m cable

Accessories

Standard

- Cutting torch:
A141 6m (CUT160)
- 300A earth
clamp+/25mm+quick plug



MODEL	CUT-100	CUT-160 L307
Input power source	3~AC380V±20% 50/60Hz	3~AC380V±15% 50/60Hz
Rated input current (A)	21.4	41.1
Rated input power capacity (KVA)	15.2	29.2
Power factor	0.9	0.9
Output current (A)	20-100	30-160
No-load voltage (V)	320	320
Rated duty cycle (%) @40°C	100	60
Arc starting	HF	HF
Quality cutting thickness (mm)	25	45
Max cutting thickness (mm)	45	60
Recommended compressor capacity (L/min)	170	170
Recommended cutting pressure (Kg/cm)	4-6	4-6
Output characteristics	CC	CC
Efficiency (%)	85	85
Protection class	IP21S	IP21S
Insulation class	F	F
Dimensions (mm)	676 X 333 X 712	676 X 333 X 712
Weight (Kg)	56	56