

CUT 45 PFC Compressor

Quick
factory
reset

Key Features

- With in-built compressor
- Rugged, 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**
- Fan on demand
- Key power electronic component protection
- Overcurrent and overheat protection
- TFT screen (optional)



Technical Data

EP-45SC	CUT 45 PFC	
Input voltage	AC95-265V, 50/60 Hz	
No load voltage	300V	
Rated input current	37A	27A
I _{eff}	26A	15A
Rated input power	4.3kVA	6.2kVA
Current range	20-30A	20-45A
Arc starting	NHF	
Rated duty cycle @ 40°C	25%	
Clean cut (carbon steel)/@400mm/min	5mm	12mm
Severance (carbon steel)	10mm	20mm
Efficiency	86%	
Power factor	0.99	
Idle state power	<50W	
Protection class	IP23S	
Insulation class	H	
Dimensions LxWxH	548 x 187 x 558mm	
Weight	26.5Kg	
Recommended generator size	6.5kVA	9.5kVA

* Generator must have AVR



Standard Accessories

6m Cutting Torch
3m Earth Clamp
Compressor

Optional Accessories (p31)

TFT Screen