



CUT 45 PFC

Key Features

- Rugged, ergonomic design
- **ClearVision** technology
- Adaptable wide voltage range
- HF stabilising technology
- **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-45	CUT 45 PFC	
Input voltage	AC95-265V, 50/60 Hz	
No load voltage	300V	
Rated input current	31A	23A
I _{eff}	20A	11.5A
Rated input power	3.6kVA	5.3kVA
Current range	20-30A	20-45A
Arc starting	NHF	
Rated duty cycle @ 40°C	25%	
Clean cut (carbon steel)/@400mm/min	6mm	15mm
Severance (carbon steel)	12mm	25mm
Efficiency	86%	
Power factor	0.99	
Idle state power	<50W	
Protection class	IP23S	
Insulation class	H	
Dimensions LxWxH	546 x 166 x 341mm	
Weight	10Kg	
Recommended generator size	5.5kVA	8kVA

* Generator must have AVR



Standard Accessories

6m Cutting Torch
3m Earth Clamp

Optional Accessories (p31)

Compressor
TFT Screen