



The EVO ARC 160 is a high-performance digital inverter arc welder equipped with advanced PFC technology with excellent welding performance.

Its ClearVision display panel ensures excellent visibility in all lighting conditions and the digital encoder allows precise and effortless parameter adjustments, with both optional wired and wireless remotes offering seamless, real-time control during operation.

Designed with a unique electrical architecture and an Active Balancing Air Passage, it offers an enhanced duty cycle and exceptional reliability, even in the toughest environments, supported by its IP23S ingress rating.

Built for professionals, the EVO ARC series is the perfect choice for both demanding site work and workshop applications.



KEY FEATURES

- Rugged, 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 (optional)
- Remote control receiver module (optional)
- Power factor correction (PFC), generator friendly
- **ABAP: Active Balancing Air Passage**
- Fan on demand
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection
- **Complete with protective case and MMA leads**

TECHNICAL DATA

	AC 95-265V, 50/60 Hz		
	AC 115V	AC 230V	
No load voltage	78V		
MMA	I _{eff}	14.4A	11.3A
	Rated input power	3.3kVA	5kVA
	Current range	20-110A	20-160A
	Rated duty cycle @ 40°C	25%	
TIG	I _{eff}	11.7A	7A
	Rated input power	2.2kVA	3.2kVA
	Current range	10-120A	10-160A
	Rated duty cycle @ 40°C	25%	
Efficiency	86%		
Power factor	0.99		
Idle state power	MMA: 38.2W TIG: 7W		
Protection class/Insulation class	IP23S/H		
Dimensions LxWxH	413 x 150 x 311mm		
Weight	7.2Kg		
Recommended generator size*	5kVA	7.5kVA	

STANDARD ACCESSORIES

Protective Carry Case,
MMA 3m Leads

OPTIONAL ACCESSORIES

Wired Remote Control (HRC-04),
Wireless Mini Remote (HRC-03),
Wireless Receiver (TS-5)

* Generator must have AVR