

Digital Inverter AC/DC SAW Power Source

KIA -1000



AC / DC
OUTPUT

Features & Specifications:

- IGBT based heavy duty inverter AC / DC power source special designed for Tandem Submerged Arc Welding.
- With MCU control and inverter technology, the welding waveform be controlled accurately to achieve high quality welding performance.
- AC/DC power source with polarity switch, no need reconnection for polarity change.
- Air duct is isolated from control circuit and power device. Good dust-proof, capable of complex and harsh operating environment.
- Has multi protection function, such as overheat, over current, over voltage, under voltage, phase missing etc.
- Has fault self - diagnosis function and output fault code.
- Three-phase input, high power factor, high power non-parallel IGBT power source, high efficiency and reliability.
- AC square wave output, short zero crossing time , ARC more stable.
- With power supply voltage fluctuation compensation function, 20% voltage fluctuation is allowed.

Specifications	KIA-1000	
Control Mode	Digital controlled Inverter	
Mains supply	415V ± 20%, 3Ph, 50Hz	
Rated input power	56KVA	
Rated no load voltage	87V (peak value)	
Output current range	AC 200 - 1000A	DC 200 – 1000A
Rated duty cycle	100%	
Protection class	IP23S	
Insulation class	200°C	
Dimensions, L x W x H	870 x 505 x 1000 mm	
Weight	168 Kg	

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