

SMARTWELD 400 / SMARTWELD 600

Fully Thyristorised MMA Welding Rectifier



POWERCON offers SMARTWELD series of MMA Welding Rectifiers designed with Six Phase Thyristorised system for superior welding quality combined with economy and reliability. SMARTWELD series sets are suitable for welding in any industry, where quality and reliability is of primary consideration.

The Remote Control facility provided, helps the welder to adjust welding current from the work place even during welding

Special Features

- ★ Compact, light weight and robust construction with excellent manoeuvrability.
- ★ Built-in overload thermal cut out for protection and Warn lamp on front panel
- ★ Immunity to supply voltage fluctuation.
- ★ Single range step-less current control
- ★ Remote control facility to adjust welding current even during welding
- ★ HOT START facility for easy arc striking
- ★ High OCV and true Constant current characteristic ensures stable arc
- ★ Built-in Anti sticking property effectively prevents electrode freezing



Technical Specification

	SMARTWELD 400	SMARTWELD 600
INPUT		
Supply Voltage	415 V \pm 10%, 3 Φ , 50 HZ, AC	415 V \pm 10%, 3 Φ , 50 HZ, AC
Rating at 60% duty cycle	21.5 KVA	39.5 KVA
Primary current at rated output	30 Amp.	55 Amp
OUT PUT		
Welding Current Range	10 - 400 Amp.	10 - 600 Amp.
Max. Cont. Hand Welding Current (at 60% duty cycle) Rated Current	400 Amp. DC	600 Amp. DC
Max. Cont. Automatic Welding Current (at 100% duty cycle)	310 Amp. DC	470 Amp. DC
Open Circuit Voltage	95 Volts DC	95Volts DC
Welding current Control	Stepless	Stepless
GENERAL		
Type of Cooling	Forced air cooled	Forced air cooled
Class of Insulation	Class 'H'	Class 'H'
Weight	120 kg.	155 Kg.
Dimension (approx.) mm	700 x 400 x 750	700 x 500 x 900
Protection	I P 2 3	I P 2 3

POWERCON provides a wide range of Arc Welding Equipment for various welding processes. For more details please contact POWERCON

POWERCON reserves the right to change specification without notice.



POWERCON ELECTRIC COMPANY

P-70, PHASE II, KASBA INDUSTRIAL ESTATE, KOLKATA -700 107. INDIA
☎ + 91 33 2442 6885, FAX: + 91 33 2442 3720, Visit us at www.powercon.co.in
E-mail: sales@powercon.co.in; powerconelectric@gmail.com

