

SW 2000CV STRIP CLADDING/SAW WELDING INVERTER



SigmaWeld Series welding machines sophisticated IGBT based inverters with total digital control having wide current range. SigmaWeld Series welding machines sophisticated IGBT based Welding inverters with total digital control having wide range of applications. SigmaWeld SW2000 CV is designed to meet the varied requirement of the welding industry having possibilities of use for Strip Cladding and Submerged Arc Welding Applications.

Advanced micro-controller technology enables SigmaWeld to have interconnectivity with SAW trolley and other SPM's. The power source is 2000 Amps Single output. User doesn't have to worry about joining multiple supply together.



Technical Specifications

Description	Specification
Input Voltage	415V ± 15%
Duty Cycle	100%@1400Amps
Frequency	50/60 Hz
Mains Input current	50A@ 1200Amps
No Load Voltage (V)	57 V
Output Current Range (A)	60 - 2000A
Rated Output Voltage (V)	34V
No Load Power	250W
Efficiency	92%
Power Factor	>0.9
Insulation Grade	Н
Housing Protection Grade	IP23

Safety Features

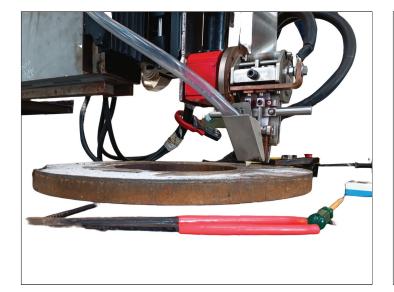
Safe & Reliable:

Low OCV and protection against prolonged

- Output Short
- IGBT Over Current
- IGBT Short Circuit Current
- Welding Over Current
- Thermal Overload.

Protections Available

Thermal Protection	Yes
Under Voltage	Yes
Over Voltage	Yes
IGBT Peak Current	Yes
Output Short Protection	Yes













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