

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 | H |
| 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 |

