

Solid State Power Supply
1 kHz to 100 kHz Output Frequency



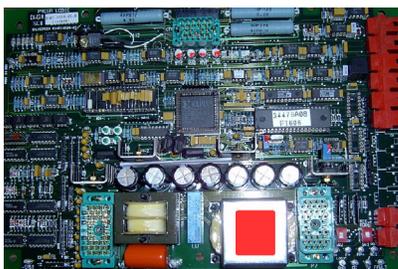
FEATURES

- High efficiency solid state frequency conversion
- Single board logic control system
- IGBT inverter
- Fan cooled gate driver
- Built-in diagnostics
- Complete short circuit protection
- Nonferrous internal water piping
- Digital metering of output kW, volts, amps, and frequency
- Cabinet isolation of the control section from the power section for safety
- Infinite power control from 10% to 110%
- Main disconnect with under voltage trip
- Internal capacitor bank and load matching transformer



IGBT Technology

The latest in ultra reliable solid state switching devices.



Single Logic Board

With the micro controlled state of the art technology, isolated from any water or electrical failure in the power circuit, board life is dramatically increased and maintenance greatly reduced.



Diagnostics

Self diagnostics of the logic control and gate drive boards with a front annunciation panel aids in trouble shooting. Optional water path temperature monitoring is available.



Optional Side Mount Water System

All nonferrous components with self-contained pump and motor, and high efficiency heat exchanger insures high quality water is fed to the critical components.