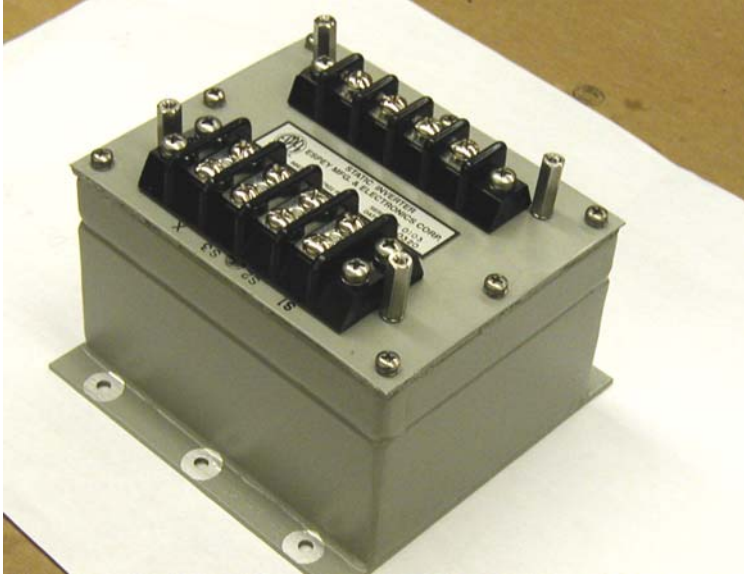


POWER SUPPLY

STATIC INVERTER - DC/60Hz



Features:

- Output short circuit protected
- Operates in up to 2 inches of standing water.
- Operates in harsh Electromagnetic and Radio frequency environment of local radar transmitter antennas. Operates through multi-megawatt radar pulse exposure.
- 50,000 hour MTBF

This unit creates a sine wave reference derived from a dc input. It functions as an inverter for a synchro-resolver used aboard naval ships to track the position of radar antennas.

Specifications:

Electrical Specifications

- **Input Voltage:** 255-300 Vdc
- **Output Voltage:** 115 Vac
- **Output Frequency:** 60+/-2 Hz
- **Output Wave Shape:** Sinusoid
- **Total Harmonic Distortion:** <5%
- **Output Current:** 40mA pk
- **Power Output:** 10 VA

Mechanical Specifications

- **Weight:** Approximately 2.5 lbs
- **Size:** 5 in. x 5 in. x 3 in.
- **Operating Temperature:** -40°C to 85°C
- Conduction Cooled

Rev. B