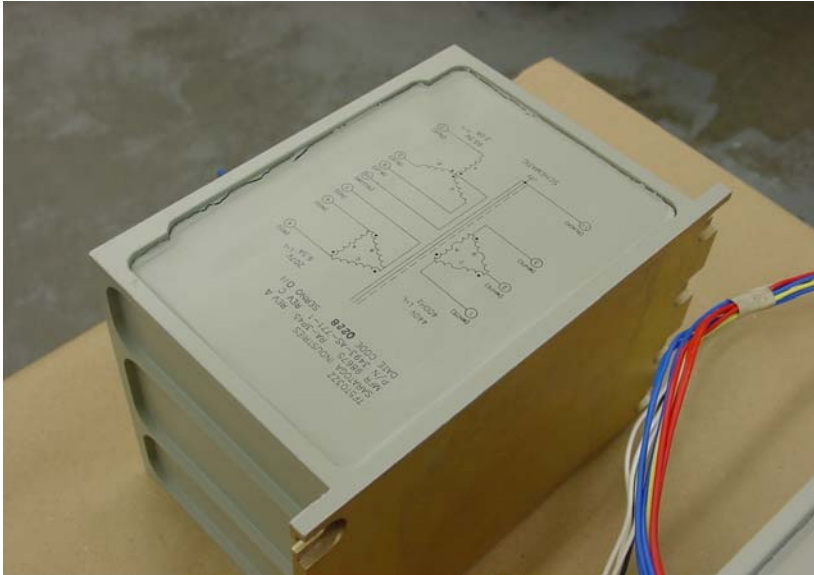


## MAGNETICS

### POWER TRANSFORMER

**-NAVSEA Qualified**

**- AC/DC Converter Application**



#### Features:

- Sonar Power Supply Isolation Transformer
- Submersible
- Design inherent Low Noise [MIL-STD-740-1 and MIL-STD-740-2]

#### Qualification:

- MIL-PRF-27F Grade 5
- Shock: MIL-S-901D Grade A

Espey Mfg. designed, developed and manufactured several magnetic components for a prime US Navy contractor for use in a submersible sonar system. These components are unique in their inherently low noise, high reliability characteristics

#### Specifications:

##### *Electrical Specifications*

- **Rating:** 2.5kVA
- **Input:** 450V, 400Hz, 3 phase
- **Output:** 207V/66.5V
- **Regulation:** < 2% (no-load to full-load)
- **Electro-statically shielded**
- **Input/Output Isolation**

##### *Mechanical Specifications*

- **Weight:** 25lbs
- **Submersible**
- **Cold-Plate mounted**

Rev. A