

POWER SUPPLIES

CONVERTER

- AC/DC Converter
- Airborne Radar Application



Features:

- Airborne environment extremes
- Qualified to MIL-E-5400T class 2
- MTBF: 30,000 Hours
- Qualified to MIL-STD-461

Espey developed this power supply for the AN/APN-169 station-keeping radar system for a prime military contractor program. This multiple output, chassis mounted, low voltage power supply is designed for extreme airborne environmental conditions.

Specifications:

Electrical Specifications

- **Input Voltage:** 108 - 118 Vac 400 Hz
- **DC Output Voltages:**
 - + 12 V +/- 2% 55 mAmps
 - + 160 V +/- 1% 40 mAmps
 - + 26 V +/- 2V 1000 mAmps
 - + 22 V +/- .5% 600 mAmps
 - + 100 V +/- .2% 45 mAmps
 - 150 V +/- .2% 15 mAmps
- **Regulation:** +/- 1%

Mechanical Specifications

- **Size:** 5.3"x4"x7.5"
- **Weight:** 8 lbs.
- Sealed case

Rev. A