

POWER SUPPLY

AIRBORNE POWER CONVERTER

- TACTICAL FIGHTER APPLICATION



Features:

- Multiple output power converter
- Configured for AC or DC inputs
- Qualified to uninhabited fighter environment extremes
- High Reliability Design

Espey Mfg. designed and manufactures this power supply for a prime military contractor supplying helmet mounted cueing systems for tactical aircraft.

Specifications:

Electrical Specifications

- **Input:** 115 VAC, 400 Hz, 3 phase or 270 Vdc
- **Output:** +5.1, +3.4, +12.6, -12.6, +18, -18 Vdc
- **Power:** 130 watts continuous
- **Regulation, Line & Load:** $\pm 3\%$
- **Efficiency:** 80 % minimum

Mechanical Specifications

- **Weight:** 2.3 lbs. max
- Card rack mount for airborne use
- Aluminum case with edge mount cooling

Rev. B