

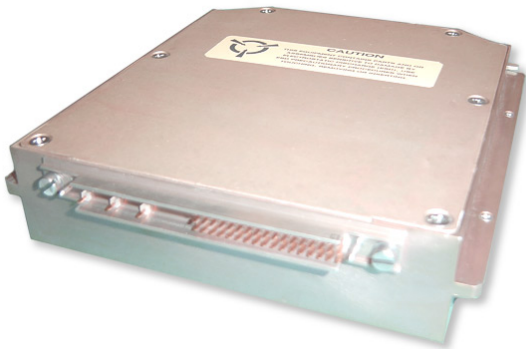
## POWER SUPPLY

# AIRBORNE POWER CONVERTER

Tactical Fighter Application



## AC/DC, DC/DC Power Converter Airborne



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

### Features:

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

### 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

EL-181-PS