

## MODEL 94019-1

Behlman's 94019-1 COTS Dual Output power supply is a low cost, highly reliable, switch mode units built for high-end industrial or Military applications. The 94019-1 can accept a single phase 115 VAC, 400 Hz input and can supply a variety of DC outputs. These rugged power supplies are built to support the rigor of airborne, shipboard and mobile applications, and designed to meet the input power requirements of MIL-STD-704 and RTCA-DO160. Unit is Base Plate cooled.

### INPUT

115 VAC +/- 20%, 360-440 Hz  
Input Transient protection per Mil-STD-704

### OUTPUT:

1. 5 VDC @ 1.25A
2. 12 VDC @ 1.25 A

**Load Regulation:** 1.0% no load to full load at nominal line.

**Line Regulation:** 0.1% for 10% line change.

**PARD-Ripple & Noise:** 1% of output voltage p-p maximum. (20 MHz bandwidth)

**Short circuit protection:** Output voltage drops to less than 1 volt, with automatic recovery

**Current Limit:** Constant current limited to 130% of rated current

**Efficiency:** 75%.

