

## **SCE Model 2900 Small Military Power Supply**

The SCE 2900 is a small modular military DC power supply, 115VAC to  $\pm 15V$  / 100mA. Fully sealed in an anodized aluminum case, machined from solid billet for minimum EMI and maximum environmental resistance. Low power dissipation allows operation at full output with no heatsinking.

### **Mechanical**

2.5" x 3.2" x 0.85" machined aluminum case, circuit board mountable.

8oz. Max weight

### **Electrical**

**Input:** 105 - 125 VAC, 50 - 450 Hz or 160 VDC.

#### **Output:**

Two independent 15V/100mA outputs arranged as  $\pm 15V$ .

Externally adjustable between 14-16V.

Efficiency = 65% at nominal input.

Ripple <5 mV p-p.

Transient: 50 $\mu$ sec recovery time.

Load Regulation: 0.02% over full range.

Line Regulation: 0.005% over full input range.

### **Environmental**

-40° to +70°C operating temperature range.

Sealed case allow operation in 0 - 100% humidity and under salt - fog conditions.

Constructed to meet MIL-STD 232 for temperature, thermal shock, mechanical shock, vibration and humidity.