

## SCE Model 3300 Power Supply

The SCE 3300 family of power supplies are three output, modular off-line switching power supplies. Total rated output power is 300 watts over the full military temperature range. Main output is typically 200 watts (range of 5V - 24V) and the tracking  $\pm$  auxiliary outputs furnish 100W at up to 60V.

The unit is a full bridge converter, current mode control operating at 100KHz. The auxiliary outputs are stabilized by separate linear regulators composed of discrete parts.

Form, fit and function equivalent to Abbott's W15AYX1-2.5.

### SPECIFICATIONS

#### Electrical

##### Input:

- Voltage Current 95V to 150VAC, 50 - 440 Hz.

##### Output:

- Voltage 14VDC to 16VDC
- Current 2.5 Amps

#### Protection Circuits

- Output Overload Supply current limited
- Short Circuit Protected against output shorts for an indefinite period

#### Environmental

- Operating Temperature -55°C to +71°C
- Humidity To 100% (fully sealed construction)
- EMI MIL\_STD-462B for A1 (airborne equipment)

#### Construction: Aluminum 6061-T6 base, steel case

- Dimensions 3.5" x 2.5" x3.5"
- Weight 2.7 lbs. Max
- Finish Black flat lacquer per FED STD 595, Color 37038
- Mounting 10-32 THD inserts, 5/32" min depth in baseplate
- Connectors Case: MS3113H-12-10P, Mating MS3116F-12-10S

