

SCE Model 350

DC To DC Converter

SPECIFICATIONS

Electrical

Input Voltage: 30VDC to 60VDC (75V Surge)

Output (6A max): 220 VDC to 260 VDC (adjustable)

Power Status Indicator:

Front Panel LED's indicate:

Input Power Good and Output Power Good.

Float Capability: Via Isolation Diode for seamless automatic cutover

Power Adjustment: Locking Front Panel Potentiometer

Circuit Breaker Protection: Front Panel Mount

Remote Control Capability: Rear Panel Input

Input Source Current: 60 Amp Maximum

Remote Control Capability: Unit is normal "on" and output power is inhibited when remote control terminals are "shorted"

Output Ripple, Peak to Peak: 1000mV maximum

Output Spike Noise DC to 50 Mhz: 2V maximum

Line Regulation: 1% maximum

Load Regulation: 1% maximum

(Nominal source Voltage for Load Change: 10% - 100%)

Maximum voltage change after initial setting: 2% maximum

(for all conditions of rated source voltage, load current and temperature)

Time Effect (8 hr. drift): 1% maximum

at constant source voltage, load and temperature

Current Limit: Automatic, 6.5 Amps maximum (constant current type)

Output Voltage Limit: Independent, Fail Safe

EMI Protection: Both conducted and Radiated Noise per MIL-STD-461B Class A3 (Ground Facility Equipment)

Mechanical:

Width: Standard 19" rack mount

Depth: 16" maximum

Height: 10.5" ± 0.5"

Output Connection: No. 6 Terminal Lugs (3 each polarity)

Input Connection: Standard is 2 pair of 5/16 brass studs. Other types, including #10's can be provided upon request.

Environmental:

Temperature effect (from 0° to + 71°C)

Operating Temperature Range: -10° to +75°C

Humidity, non-condensing: 20% to 95% RH