

## PS2353

Total Power	125 Watts
Input Voltage	90-264 VAC
Output	48V

### SPECIAL FEATURES

- 90-264 VAC input
- Power factor correction
- UL, CSA, TUV, BABT Recognized
- Enable control (active low)
- EN55022 Class B
- N+1 Redundant
- Hot pluggable
- Accurate current sharing utilizing droop sharing method

### ENVIRONMENTAL

Ambient Operating Temperature: 0 to +50°C, full rating.

Humidity: Up to 95% non-condensing

Temperature coefficient:  $\pm 0.01\%$  / °C

Storage Temperature: -20° to +85°C

Cooling: Internal cooling by one 8 CFM fan.



### ELECTRICAL SPECIFICATIONS

#### Input

Input.....90 -264 VAC; 47-63Hz;  
Power Factor >0.99

Inrush Current (264 Vac).....<30 Amps peak  
Isolation.....4242VDC (Input to Output)

#### Susceptibility specifications:

EN 61000-3-2 AC Input line harmonic limits  
Complies with EN55022 & FCC Class B with minimum 6 dB margin

Efficiency.....> 75% typical at full load

#### Output

DC Output.....Maximum continuous output power  
125 Watts with internal cooling. See Voltage/Current Rating Chart.

Line / Load Regulation.....2% (total)  
Ripple and Noise < 100mV typical

Transient Response...2% Maximum deviation;  
Current Sharing; Droop circuitry.

### MECHANICAL

6.5" L X 1.64" H X 3.3" W (165.1 mm X 41.7 mm X 83.8 mm)

Input connector: IEC320

Output connector: 10 pin Molex P/N:15-06-0101 or equivalent

#### Status signals and indicators

DC OK (active high)

AC OK (active high)

Visual LED indicators identify power supply status.

The indicators are

DC Good

## Output

Over voltage protection 115% (Latching)  
 Over current protection 120% (Latching)

Over temperature protection reset with hysteresis

Short Circuit Protection.....Will withstand a continuous short without damage.

Minimum Load Rqmt.....No minimum load requirement

No Load Operation.....No damage to supply when operating at no load.

Hold-Up Time.....20 mSec typical

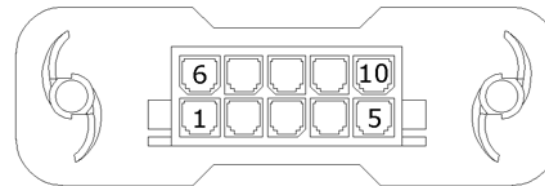
OVP.....56 V typical

## Voltage/Current Rating Chart

Voltage	Minimum	Maximum
48V		
Current	0A	2.6A

## Output Connector PIN out Assignment

Description	PIN
Enable	1
+48V	2, 7
RTN	3, 8
DC-OK	4
AC-OK	5
OVP Test	9
N.U.	6, 10



# Power For The New Technology

