

Power For The New Technology

PS2357

Total Power	350 Watts
Input Voltages	85-264 VAC
Outputs	Two

SPECIAL FEATURES

- 85-264 VAC input with under voltage protection
- UL, CSA, TUV, BABT Recognized
- NEBS, CE compliant
- TTL / I²C remote on/off control
- I²C Interface
- 4 kV Test

ENVIRONMENTAL

Humidity: Up to 95% non-condensing

Storage Temperature: -20° to +85°C

Temperature coefficient: ±0.01% / °C

Ambient Operating Temperature: 0 to +55°C continuous duty, full rating.

Cooling: Two internal fans.



ELECTRICAL SPECIFICATIONS

Input

Input.....85 -264 VAC; 47-63Hz;
Power Factor >0.99

Inrush Current (240 Vac).....38 Amps peak
Isolation.....4242VDC (Input to Output)

Susceptibility specifications:

EN 61000-3-2 AC Input line harmonic limits
Complies with EN55022 & FCC Class A with minimum 6 dB margin
Efficiency.....> 85% typical at full load

Output

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

Load Regulation.....10% (total)
Ripple and Noise < 200mV typical
Transient Response...2% Maximum deviation;
Current Sharing; Droop circuitry.

MECHANICAL

9.7" L X 5.0" H X 1.75" W (247 mm X 127 mm X 44 mm)

Status signals and indicators

PS Present
DC Power Good
AC Fail
Fan Monitor
I²C Control and monitoring buss

Visual LED indicators identify power supply failure for replacement. The indicators are:

AC Present
DC Good
Fan OK / Fail



Output

Over voltage protection – (non-latching)
 Over current protection – (non-latching)
 Over temperature protection – (non-latching).

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

Minimum Load Rqmt.....0% of full load.

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

Hold-Up Time.....22 mSec typical

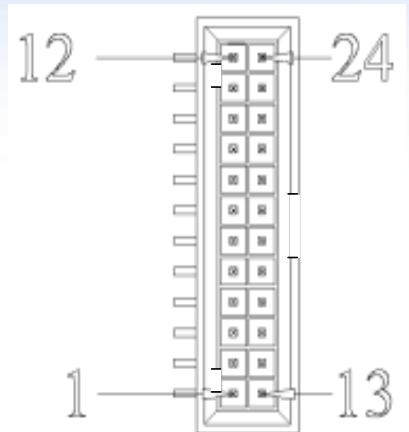
OVP.....59 V typical

Voltage/Current Rating Chart

Voltage	48.2V	53V
Current	7.3A	0.5A
Voltage	5V	5V
Current	0.2A	0A

MOLEX CONNECTOR PIN ASSIGNMENT

Description	PIN
48V	1,13,14
48V RTN	2,3,15
DC-OK	7
AC-OK	6
Enable-N	23
Remote ON/ OFF	24
PS-IN	21
+5V-HSK	22
OVP	20
Logic GND	17
SCL	8
SDA	9
A0	12
A1	11
A2	10
Not Used	4,5,16,18,19



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