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Product Announcement

DPS-200

Date: <u>October 6, 2003</u>

Product name:	DPS-200
Product Group & Type:	
Revision:	A1
Available:	5/30/2003
Picture:	
Keyfeatures:	
Why Sell This Product:	- Generate additional sales: these RPS and their rack-mount chassis are designed to let you garner more sales and profit. When you sell a switch with RPS support, you can persuade your users to install an RPS, and you have a D-Link RPS ready to sell. - Make it easier to sell your switches: by offering these RPS, we make it easier for you to sell your D-Link switches. - Integrate your technical support: your D-Link switches and RPS are technically supported from a single manufacturer, that makes life easier for you. *Selling Points* - More reliable when use different pieces of hardware from the same vendor. - One-point-shopping: your users don't have to shop around for RPS from another source. - Guaranteed operation: these RPS are designed and tested to work with the D-Link switches.
Technical Details:	*Power Input* **AC Input Voltage Rating** 100VAC to 240VAC **AC Input Voltage Range** 90VAC to 264VAC **AC Input Frequency Range** 47 Hz to 63 Hz **AC Input Current** - 1.6A (RMS) max. for 115VAC - 0.8A (RMS) max. for 230VAC **Maximum In-rush Current** - 30A max. @ 115VAC (at 25 degrees C ambient cold start) - 60A max. @ 230VAC (at 25 degrees C ambient cold start) **Leakage Current** 3.5mA max. *Power Output* **Output Voltage** +12VDC **Minimum Load Current** 0.5A **Maximum Load Current** 5.0A **Line Regulation** +/-2% (measured output load from +/-10% rated load) **Load Regulation** +/-5% (measured output load from 20% to 100% rated load) **Output Ripple & Noise** 120mV (measured bandwidth oscilloscope and terminated each output with 100uF capacitor and 0.1uF ceramic in parallel) *General Characteristics* **Total Output Power** 60 watts **Efficiency** 75% min. @ max. load and 115VAC input **Hold Up Time** 16mS min. at max. load and 115VAC input, @ 60Hz output drop down to

95% output voltage

Over Current Protection

Power supply protected against overload and short circuit applied to any one terminal -- auto restart (*)

(*) Output can be shorted permanently with damage

Over Voltage Protection

13.5V to 17V

AC Power Good (pwr-good) Signal Required

+3.3V (**)

(**) (1) Minimum high voltage is 2.0V with a maximum load current of 5.0mA
(2) Maximum high voltage is 3.4V
(3) Minimum low voltage is 0.0V
(4) Power good signal must go low within 0.5ms before 12V output drops out of below 10.0V
(5) Power good signal must go high within 2.5 seconds of application of power to the system

LED Status

- On: RPS good
- Off: RPS failed

Physical & Environmental

Dimensions

127mm (L) x 76mm (W) x 37mm (H) (device only)

Weight

0.83 kg (device only)

Operating Altitude

3,000 m (10,000 feet) max.

Storage Altitude

12,000 m (40,000 feet) max.

Operating Temperature

0 to 50 °C

Storage Temperature

-20 to 80 °C

Operating Humidity

20% to 80% RH

Storage Humidity

10% to 90% RH

Safety Standards

- UL 60950 3rd Edition
- TUV EN 60950
- CE Mark (LVD)

Safety Approvals

- CSA

EMI

- FCC Class B
- EN55022 (CISPR22) Class B

HI-POT Test

- Input to secondary: 3000VAC for 1 minute, 10mA
- Input to P.E.: 1500VAC for 1 minute, 10mA

Insulation Resistance

Input to secondary: >20Mohm 500VDC

Reliability (MTBF)

50K Hrs Min. at 25 degrees C 240VAC (max load)

Shock & Vibration

10-55Hz, amplitude 2G over entire frequency range. Sweep minute for X, Y and Z axis each 20 cycles.

EMI/EMC Report	☑ FCC No._____ ☑ CE No._____ ☐ VCCI No._____ ☐ CTR-21 No._____ ☑ C-Tick No._____ ☐ A-Tick No._____ ☐ FDA No._____ ☐ R&TTE No._____ ☐ BSMI No._____ ☐ Others
Safety	☐ TUV No._____ ☐ UL No._____ ☑ CSA No._____ ☐ Others
Packaging Style	☐ Clamshell ☑ White Box ☐ Gift Box ☐ Bulk ☐ Others
Packaging Contents:	Device,power code ,cable,mamual
UPC Code:	**790069252594,790069254000(/B),790069254017(/E),790069254024(/N),** **790069254031(/U),790069254406(/BE),790069254413(/CN)**
Units Per Carton:	10
Cartons Per Pallet:	40
Dimensions and Weight:	**Box:** 334 x 271 x 96 mm, 2.5 kg **Carton:** 595 x 342 x 371 mm, 27 kg **Pallet:** 120 x 110 x 216 mm, 601 kg **INTRASTAT weight:** 2____kg (Box) **Packing material weight** (Box): - Paper: 0.5 kg - Plastic: 0.4 kg

- Mixed: __1.0____ kg