D-Link®
Building Networks for People

DPS-200A/DPS-500A
Modular Redundant Power Supplies

Features

Redundant Power Protection

- Connect to a variety of D-Link Gigabit switches
- Provide backup power for switch's built-in power supply
- Over-current protection
- LED status indicators

Flexible Deployment Options

- Can be installed as stand-alone power supply units or mounted in a 19-inch multi-slot chassis
- Hot swappable when installed in a chassis
- Solid metal case housing

The DPS-200A and DPS-500A redundant power supplies (RPS) are designed to conform to the wattage requirements of D-Link's Ethernet and Gigabit switches. They are external RPS units enclosed in solid metal cases with sockets to connect to an AC power sources on one end and to connect to a switch's internal power supply on the other end. They provide a low-cost, simple solution to the problem of an inadvertent failure of the internal power-supply of an Ethernet switch, which can result in the shutdown of that switch, the devices attached to its ports or an entire network. Supporting full output power for the switch, these redundant power supplies can maximise the power availability of the switching device.

Redundant Power Backup

Each D-Link RPS is equipped with an integrated detection circuit that continuously monitors the switch's internal power supply. In the event of a power interruption, the redundant power supply is immediately triggered so that the LAN switch and its connected devices can continue providing service.

This results in a more reliable network infrastructure and protects the network from going down due to failure of a single network device power supply.

Easy and Flexible Deployment

Deployment of a DPS series device does not require any change in the configuration of the LAN switch. Each RPS is equipped with a universal internal power supply and can be connected to any AC power source from 90 V AC to 264 V AC, 47 Hz to 63 Hz through a standard AC power cable.

Modular Redundant Power Supplies

The DPS-200A and DPS-500A are modular redundant power supplies which can be installed as independent power supply units or placed inside a DPS-800 Rack-mount chassis. The chassis are designed for mounting in a standard 19-inch equipment rack. Multiple power supplies can be placed inside a chassis, from which they can connect to the switches mounted in the same rack.

Rack-Mount Chassis

The DPS-800 chassis can accommodate up to two DPS-200A or DPS-500A modules to an equipment rack. Using a chassis, users can save space while allowing for clean cabling. All redundant power supply units installed in the chassis connect directly to their power sources, and they are hot-swappable.

If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support

D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

D-Link Assist Silver - for prompt same-day assistance

D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day

D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.

Technical Specifications

Physical	DPS-200A	DPS-500A
Dimensions	• 172 x 257 x 43 mm (6.8 x 10.1 x 1.7 inches) • Panel size: 196 x 52 mm (7.7 x 2.04 inches)	• 172 x 257 x 43 mm (6.8 x 10.1 x 1.7 inches) • Panel size: 196 x 52 mm (7.7 x 2.04 inches)
Weight	• 1.51 kg	• 1.51 kg
Input Voltage Range	• 90 to 264 V AC	• 90 to 264 V AC
Input Frequency	• 47 to 63 Hz	• 47 to 63 Hz
Max Input Current	• 2 A at 100 V AC • 1A at 240 V AC	• 2 A at 100 V AC • 1A at 240 V AC
Max Inrush Current	• 60 A at 230 V AC	• 60 A at 230 V AC
Efficiency	• 75 %	• 75 %
Operating Temperature	• 0 to 50 °C (32 to 122 °F)	• 0 to 50 °C (32 to 122 °F)
Storage Temperature	• -45 to 85 °C (-49 to 185 °F)	• -45 to 85 °C (-49 to 185 °F)
Operating Humidity	• 10 to 90% RH	• 10 to 90% RH
Storage Humidity	• 10 to 95% RH	• 10 to 95% RH
MTBF	• 400,000 hours	• 400,000 hours

DPS-200A/DPS-500A Modular Redundant Power Supplies

Compatibility Matrix	DPS-200A	DPS-500A
DGS-3000-10TC	✓[1]	
DGS-3000-28LP		✓[1]
DGS-3000-28X		✓[1]
DGS-3000-28XMP		✓[1]
DGS-3000-52X		✓[1]
DGS-3120-24TC	✓	
DGS-3120-24SC	✓	
DGS-3120-48TC		✓
DGS-3420-28TC		✓
DGS-3420-28SC		✓
DGS-3420-52T		✓
DGS-3620-28TC		✓
DGS-3620-28SC		✓
DGS-3620-52T		✓
DGS-3630-28SC		✓
DGS-3630-28TC		✓
DGS-3630-52TC		✓
DWS-3160-24TC	✓	

Optional Accessories

Part Number	Description
DPS-800	2-slot chassis for DPS-200A/500A

[1] Requires a DPS-CB150-2PS to connect with the DGS-3000 Series. DPS-CB150-2PS available by project request only.

For more information: www.dlink.com

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