D-Link
Building Networks for People

Product Highlights

Guaranteed Power Protection

Protects your critical data and network infrastructure across your business from unsafe voltage levels and costly interruptions

Robust Continuity

The DPS-Series is housed in solid metal cases ensuring reliability in tough environments including wide temperature ranges or high traffic areas

1+1 Power Capabilities

When cascading the DPS-700 with a device's internal power supply, the power system can provide an additional power budget to the device.

DPS-200A

DPS-500A

DPS-800

DPS-700

DPS-Series

Modular redundant power supplies

Features

Redundant Power Backup

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

Models

- DPS-200A: up to 60 watts output power
- DPS-500A: up to 140 watts output power
- DPS-700 rack-mounted: up to 589 watts output power and supports 1 + 1 power capability
- DPS-800 2-slot chassis: accommodates 2 DPS-200A/500A in a 19-inch equipment rack

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-Series of redundant power supplies (RPS) provide protection from damaging surges, spikes and 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. The DPS-200A, DPS-500A and DPS-700 redundant power supplies (RPS) perfectly compliment D-Link's Ethernet and Gigabit switches supporting full output power for the switch and maximizing 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 the 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 an 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: DPS-200A/500A

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 is 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.

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.

Rack Mounted Power Supplies: DPS-700

The DPS-700 is a 19-inch standard-size rack mount power supply designed to improve flexibility in supporting PoE (Power over Ethernet) equipment. It supports 1+1 power capabilities and when cascaded with a device's internal power supply, the power system can provide additional power budget to the device.

Rack-Mount Chassis: DPS-800

The DPS-800 chassis can accommodate up to two DPS-200A or DPS-500A modules to an equipment rack.

D-Link Assist
Rapid Response Support

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.

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DPS-Series Modular redundant power supplies

Technical Specifications

Power Supply Modules	DPS-200A	DPS-500A
Output Power	• 60 watts	• 140 watts
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	• 1A at 240 V AC	• 1A at 240 V AC
Max Inrush Current	• 60 A @ 230 V AC	• 60 A @ 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
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

Rack-mount Power Supplies	DPS-700
Output Power	• 589 watts
Input Voltage Range	• 90 to 264 V AC
Input Frequency	• 47 to 63 Hz
Max Input Current	• 3.7 A @ 230 V AC
Max Inrush Current	• 30 A @ 230 V AC
Efficiency	• 80%
Operating Temperature	• 0 to 65˚ C
Storage Temperature	• -40 to 85˚ C
Operating Humidity	• 5 to 95 RH
Storage Humidity	• 5% to 95% RH
MTBF	• 624,961 hours
Dimensions	• 441 x 199.4 x 44 mm
Weight	• 3.65 kg

Rack-mount Chassis	DPS-800
Slot Number	• 2-slot chassis
Dimensions	• 482 x 180 x 55 mm
Output Power	• 1.06 kg

DPS-Series Modular redundant power supplies

Power Chassis vs. RPS Compatibility Matrix	DPS-200A 60 W	DPS-500A 140 W
DPS-800(2 slots)	✓	✓

Switch vs. RPS Compatibility Matrix	DPS-200A 60 W	DPS-500A 140 W	DPS-700 589 W
DGS-1500-28P			✓
DGS-1510-52XMP			✓
DGS-3000-10TC	✓[1]		
DGS-3000-28LP		✓[1]	
DGS-3000-28X		✓[1]	
DGS-3000-28XMP		✓[1]	
DGS-3000-52X		✓[1]	
DGS-3120-48TC		✓	
DGS-3120-24PC			✓
DGS-3120-48PC			✓
DGS-3120-24SC	✓		
DGS-3420-28TC		✓	
DGS-3420-28SC		✓	
DGS-3420-28PC			✓
DGS-3420-52T		✓	
DGS-3420-52P			✓
DGS-3620-28TC		✓	
DGS-3620-28SC		✓	
DGS-3620-28PC			✓
DGS-3620-52T		✓	
DGS-3620-52P			✓
DGS-3630-28PC			✓
DGS-3620-52PC			✓
DWS-3160			✓

[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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