

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-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-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-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-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.



Your network is the backbone of your business. Keeping it running is essential, even if the unexpected happens. D-Link Assist is a rapid-response technical support service that replaces faulty equipment quickly and efficiently. Maximising your uptime and giving you the confidence that instant support is only a phone call away.

All D-Link products with 5-year or Limited Lifetime warranty come with complimentary Next Business Day Service. D-Link will send out a replacement product to you on the next business day after acceptance of a product failure. On receipt of the replacement product, you simply arrange the return of the defective product to us. Any products with a 2-year/3-year warranty can also benefit from the Next Business Day advance replacement service when the optional 3-year warranty extension has been purchased.

Find out more at eu.dlink.com/services

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 Supply: DPS-500A

The DPS-500A is a modular redundant power supply which can be installed as an independent power supply unit 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-500A modules to an equipment rack.

Technical Specifications		
Power Supply Modules	DPS-500A	DPS-700
Output Power	140 watts	589 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	3.7 A @ 230 V AC
Max Inrush Current	60 A @ 230 V AC	30 A @ 230 V AC
Efficiency	75%	80%
Operating Temperature	0 to 50 °C (32 to 122 °F)	0 to 65° C
Storage Temperature	-45 to 85 °C (-49 to 185 °F)	-40 to 85° C
Operating Humidity	10 to 90% RH	5 to 95 RH
Storage Humidity	10 to 95% RH	5% to 95% RH
MTBF	400,000 hours	624,961 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)	441 x 199.4 x 44 mm
Weight	1.51 kg	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

Switch vs. RPS Compatibility Matrix	DPS-500A 140 W	DPS-700 589 W
DGS-1510-52XMP		✓
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-3130-30TS/SI	✓	
DGS-3130-30S/SI	✓	
DGS-3130-30PS/SI		✓
DGS-3130-54TS/SI	✓	
DGS-3130-54S/SI	✓	
DGS-3130-54PS/SI		✓
DGS-3420-28TC	✓	
DGS-3420-28SC	✓	
DGS-3420-28PC		✓
DGS-3420-52T	✓	
DGS-3420-52P	✓	✓
DGS-3630-28TC	✓	
DGS-3630-28SC	✓	
DGS-3630-28PC		✓
DGS-3630-52TC	✓	
DGS-3630-52PC		✓

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

D-Link European Headquarters. D-Link (Europe) Ltd., First Floor, Artemis Building, Odyssey Business Park, West End Road, South Ruislip HA4 6QE, United Kingdom. Specifications are subject to change without notice. D-Link is a registered trademark of D-Link Corporation and its overseas subsidiaries. All other trademarks belong to their respective owners. ©2020 D-Link Corporation. All rights reserved. E&OE.

Updated August 2020

D-Link®