

FEATURES

- + 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 19-Inch Multi-Slots Chassis
- + Hot Swappable When Installed in Chassis
- + Solid Metal Case Housing
- + LED Status Indicators
- + Over Current Protection
- + DPS-200: up to 60 watts output power
- + DPS-300: up to 90 watts output power
- + DPS-500/500DC: up to 140 watts output power
- + DPS-600: up to 500 watts output power
- + DPS-800 2-slot chassis: accommodates 2 DPS-200/300/500/500DC in 19-inch equipment rack
- + DPS-900 8-slot chassis: accommodates up to 8 DPS-200/300/500/500DC in 19-inch equipment rack

Redundant Power Supplies

The DPS-200, DPS-300, DPS-500/500DC and DPS-600 redundant power supplies (RPS) are designed to conform to the wattage requirements of D-Link's Ethernet and Gigabit switches. They are external RPS enclosed in solid metal cases with sockets to AC or DC power sources on one end, and connects to the 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 the Ethernet switch, which can result in the shutdown of that switching device, the devices attached to its ports, or an entire network. Supporting full output power for the switch, these redundant power supplies can maximize the power availability of the switching device.

Redundant Power Backup

Each DPS-200, DPS-300, DPS-500/500DC or DPS-600 is equipped with an integrated detection circuit that continuously monitors the switching device'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 a single failure of a network device power supply.

Easy and Flexible Deployment

Deployment of a DPS-200, DPS-300, DPS-500/500DC or DPS-600 does not necessitate any change in configuration of the LAN switch. With the exception of the DPS-500DC, each RPS is equipped with a universal internal power supply, and can be connected to any AC main power source from 90VAC to 264VAC, 47Hz to 63Hz through a standard AC power cable. The DPS-500DC provides the same output power as the DPS-500 but connects to a DC instead of an AC power source.

Two installation options are available for the DPS-200, DPS-300 and DPS-500/500DC. These power supplies can be installed as independent power supply units, or placed inside a DPS-800 or DPS-900 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

DPS-900 8-slot chassis is designed to accommodate up to eight DPS-200, DPS-300 or DPS-500/500DC. This chassis is useful for deployment of eight stackable switches mounted in the same rack. The DPS-800 chassis can hold two DPS-200, DPS-300 or DPS-500/500DC and is useful for adding a few RPS to the equipment rack.

Using the chassis, users can save space, while their cabling will look neat. The chassis are not equipped with any power supply of their own. All redundant power supply units installed in the chassis will connect directly to their power source. As they are independent units, they are hot-swappable when used with the chassis.

DPS-600 Redundant Power Supply

DPS-600 is designed to conform to the wattage requirements of the D-Link Ethernet switches with Power over Ethernet (PoE). The DPS-600 is encased in a low-profile 19-inch standard-size rack mount metal housing, and can be mounted in the same equipment rack as the switching device that it connects to.

DPS-CB400 4-Meter Extension Power Cable

All D-Link RPSs include a 1-meter DC power cable for the connection between the RPS and the device. For particular situations that may require inter-rack RPS communication, the DPS-CB400 can extend the distance to 4-meters with the same power quality.



DPS-200/300/500



DPS-500DC



DPS-600



DPS-800



DPS-900

TECHNICAL SPECIFICATIONS

DPS-200

DIMENSION

127 x 76 x 36.6 mm

WEIGHT

0.83Kg

INPUT VOLTAGE RANGE

90~264Vac

INPUT FREQUENCY

47~63Hz

MAX INPUT CURRENT

1.6A@115Vac

0.8A@230Vac

MAX INRUSH CURRENT

30A@115Vac

60A@230Vac

EFFICIENCY

75%

OPERATING TEMPERATURE

0~50° C

STORAGE TEMPERATURE

-20~80° C

PERATING HUMODITY

10~90% RH

MTBF

71,713hours

DPS-300

DIMENSION

127 x 76 x 36.6 mm

WEIGHT

1.7Kg

INPUT VOLTAGE RANGE

90~264Vac

INPUT FREQUENCY

47~63Hz

MAX INPUT CURRENT

4A@115Vac

2A@230Vac

MAX INRUSH CURRENT

30A@115Vac

50A@230Vac

EFFICIENCY

80%

OPERATING TEMPERATURE

0~70° C

STORAGE TEMPERATURE

-40~85° C

PERATING HUMODITY

-5~95% RH

MTBF

211,493hours

DPS-500

DIMENSION

127 x 76 x 36.6 mm

WEIGHT

1.5Kg

INPUT VOLTAGE RANGE

90~264Vac

INPUT FREQUENCY

47~63Hz

MAX INPUT CURRENT

4A@115Vac

2A@230Vac

MAX INRUSH CURRENT

30A@115Vac

50A@230Vac

EFFICIENCY

80%

OPERATING TEMPERATURE

0~70° C

STORAGE TEMPERATURE

-40~85° C

PERATING HUMODITY

5~95% RH

MTBF

598,552hours

DPS-500DC

DIMENSION

274 x 208 x 95 mm

WEIGHT

0.84Kg

INPUT VOLTAGE RANGE

-36~-72Vac

INPUT FREQUENCY

47~63Hz

MAX INPUT CURRENT

6A@115Vac

3A@230Vac

MAX INRUSH CURRENT

20A@115Vac

50A@230Vac

EFFICIENCY

80%

OPERATING TEMPERATURE

0~65° C

STORAGE TEMPERATURE

-40~85° C

PERATING HUMODITY

-10~90% RH

MTBF

120,295hours

DPS-600

DIMENSION

441 x 139 x 44.5 mm

WEIGHT

4.46Kg

INPUT VOLTAGE RANGE

90~264Vac

INPUT FREQUENCY

47~63Hz

MAX INPUT CURRENT

10A@115Vac

5A@230Vac

MAX INRUSH CURRENT

30A@115Vac

60A@230Vac

EFFICIENCY

80%

OPERATING TEMPERATURE

0~50° C

STORAGE TEMPERATURE

-40~85° C

PERATING HUMODITY

10~90% RH

MTBF

598,664hours



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