



HP ProCurve 630 Redundant/External Power Supply

Product overview

The HP ProCurve 630 Redundant and External Power Supply provides redundant system power and/or an extra 398 W of Power over Ethernet and Power over Ethernet Plus (PoE+) power for a switch. Ideally suited for Voice over IP (VoIP) environments, the 630 power supply provides the redundant power supply (RPS) and extra PoE power needed in many other common customer environments where high power availability is desired. Switchover from a failed internal power supply to the 630 power supply is seamless and immediate. In addition, the 630 power supply can protect against a single power main failure when it is connected to a different power main than the switch. The 630 power supply supports the HP ProCurve 2910a1 Switch Series.

Features and benefits

Industry-leading warranty



Additional information

- **NEW Independent RPS and EPS ports:** one RPS port provides system power for one switch and one EPS port provides PoE and PoE+ power for another switch
- **NEW Supports PoE+ ProCurve stackable switches:** redundant power supply (RPS) provides full redundant system power (RPS) support for the HP ProCurve 2910al Switch Series; external power supply (EPS) provides an additional 398 W of PoE and PoE+ (EPS) power to the HP ProCurve 2910al Switch Series
- **NEW Cables included:** includes two 2-m RPS/EPS cables; cables can be used to carry RPS power or EPS power to the connected switch; no extra cables are needed for a complete solution

Warranty and support

- **ProCurve Lifetime Warranty:** for as long as you own the product, with next-business-day advance replacement (available in most countries)
- **Electronic and telephone support:** limited electronic and telephone support is available from HP; refer to the HP website at www.procurve.com/support for details on the support provided and the period during which support is available

◆ For as long as you own the product, with next-business-day advance replacement (available in most countries). The following hardware products have a five-year hardware warranty for the disk drive and lifetime hardware warranty (for as long as you own the product) for the rest of the module: HP ProCurve ONE Services zl Module, HP ProCurve Threat Management Services zl Module, and HP ProCurve MSM765zl Mobility Controller. The following hardware products and their related series modules have a one-year hardware warranty with extensions available: HP ProCurve Routing Switch 9300m series, HP ProCurve Switch 8100fl series, HP ProCurve Network Access Controller 800, and HP ProCurve DCM Controller. The following hardware products have a one-year hardware warranty with extensions available: HP ProCurve M111 Client Bridge, HP ProCurve MSM3xx-R Access Points, HP ProCurve MSM7xx Mobility and Access Controllers, HP ProCurve RF Manager IDS/IPS Systems, HP ProCurve MSM Power Supplies, HP ProCurve 1-Port Power Injector, HP ProCurve CNMS Appliances, and HP ProCurve MSM317 Access Device. Standalone software, upgrades, or licenses may have a different warranty duration. For details, refer to the ProCurve Software License, Warranty, and Support booklet at www.procurve.com/warranty.

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Specifications



HP ProCurve 630 Redundant/External Power Supply (J9443A)

Physical characteristics

Dimensions	15(d) x 8.5(w) x 1.73(h) in. (38.1 x 21.59 x 4.39 cm) (1U height)
Weight	7.9 lb. (3.58 kg)

Environment

Operating temperature	32°F to 131°F (0°C to 55°C)
Operating relative humidity	15% to 95% @ 104°F (40°C), non-condensing
Non-operating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
Non-operating/Storage relative humidity	15% to 90% @ 149°F (65°C), non-condensing
Altitude	up to 10,000 ft. (3 km)
Acoustic	Power: 54.2 dB; ISO 7779, ISO 9296

Electrical characteristics

Maximum heat dissipation	535 BTU/hr (564.42 kJ/hr), for the actual 630 power supply. PoE-powered device heat dissipation assumed to be outside the 630 power supply.
Voltage	100-127 / 200-240 VAC
Current	8 / 4 A
Maximum power rating	740 W
PoE power	398 W
Frequency	50 / 60 Hz

Notes

Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated.

PoE Power is the power supplied by the internal power supply, it is dependent on the type and quantity of power supplies and may be supplemented with the use of a External Power Supply (EPS).

Maximum RPS power: 185 W, RPS: 12 V, PoE: -54 V. 200-240 V power cords shipped with the 630 power supply have a wall plug rated as close to 13 A as specific country standards allow.

Notes

The HP ProCurve 630 power supply supports the HP ProCurve 2910al Switch. The HP ProCurve Switch 5400zl Series is not supported. The 630 RPS/EPS includes two 2-m RPS/EPS cables, which can be used to carry either RPS or PoE+ power to the switch.

Services

Refer to the HP Web site at www.procurve.com/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

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To learn more, visit www.hp.com/go/procurve

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