Overview

Models

HP 630 Redundant and/or External Power Supply   J9443A

Product overview

The HP 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 2910al and 3500yl-PoE+ Switch Series.

Features and benefits

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+ HP E-Series stackable switches**: redundant power supply (RPS) provides full redundant system power (RPS) support for the HP 2910 al and 3500 yl PoE+ Switch Series; external power supply (EPS) provides an additional 398 W of PoE and PoE+ (EPS) power to the HP 2910 al and 3500 yl PoE+ 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

Technical Specifications

HP 630 Redundant and/or 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), noncondensing
	Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
	Nonoperating/Storage relative humidity	15% to 90% @ 149°F (65°C), noncondensing
	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
	RPS power	185 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). 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 630 RPS/EPS supports the HP 2910al and 3500yl-PoE+ Switches. The HP Switch 5400zl Series is not supported. The 630 RPS/EPS includes two 2-m RPS/EPS cables, which can bes used to carry either RPS or PoE+ power to the switch. Minimum software versions required: 2910al PoE+ switches require W.14.35 or later and 3500yl-PoE+ switches require K.14.52 or later
Services		3-year, 4-hour onsite, 13x5 coverage for hardware (U9270E) 3-year, 4-hour onsite, 24x7 coverage for hardware (U9271E) 1-year, post-warranty, 4-hour onsite, 13x5 coverage for hardware (HR840E) 1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware (HR841E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UR854E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UR855E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UR857E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UR858E) 3 Yr 6 hr Call-to-Repair Onsite (UW371E) 4 Yr 6 hr Call-to-Repair Onsite (UW372E)

Technical Specifications

5 Yr 6 hr Call-to-Repair Onsite (UW373E)
1-year, 6 hour Call-To-Repair Onsite for hardware (HR842E)

Refer to the HP website at: www.hp.com/networking/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.

To learn more, visit www.hp.com/networking