QuickSpecs

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



QuickSpecs

Technical Specifications

HP 630 Redundant and/or External Power Supply (J9443A)

Physical characteristics Dimensions $15(d) \times 8.5(w) \times 1.73(h)$ in. $(38.1 \times 21.59 \times 4.39 \text{ cm})$ (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

Nonoperating/Storage -40°F to 158°F (-40°C to 70°C)

temperature

Nonoperating/Storage

relative humidity

15% to 90% @ 149°F (65°C), noncondensing

15% to 95% @ 104°F (40°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 be 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)



QuickSpecs

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

© Copyright 2011 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

