QuickSpecs

Overview

Models

HP 610 External Power Supply   J8169A

Product overview

The HP 610 External Power Supply (EPS) has two pairs of EPS ports (with four ports total). Each pair of EPSports can power up to 24 PoE ports with full 15.4 W Power over Ethernet (PoE) power, if only one of the EPS ports is used. Alternatively, each pair of EPS ports can simultaneously power up to 12 ports with full 15.4 W of PoE power on each of two switches if both EPS ports are used. Each pair of EPS ports can supply up to 408 W of PoE power. The 610 EPS also includes EPS power backup ports, which allow one 610 EPS with spare power to provide power backup for another 610 unit connected to it in a stack.

Features and benefits

Additional information

- **Supports HP chassis and stackable products**: power supply units can be configured to support both chassis and stackable switches
- **HP E-Series patented EPS backup**: automatically provides power to another connected 610 EPS unit in a stack in case of a power failure
- **External switch power** (four ports): provides external power to up to four PoE switches or modules through four EPS ports
- **Cables included**: includes four 2-meter EPS cables

Technical Specifications

HP 610 External Power Supply (J8169A)

Ports	4 external power supply ports	
	Restrictions: Provides 50 VDC external PoE power to up to four ProCurve switches; each pair of EPS ports provides max. of 408 W full power to one device, or half power (204 W each) if connected to two devices	
Physical characteristics	Dimensions	19.02(d) x 17.3(w) x 1.73(h) in. (48.31 x 43.94 x 4.39 cm) (1U height)
	Weight	16.44 lb. (7.46 kg), Fully loaded
Mounting	1U rack-mountable and wall-mountable enclosure using standard mounting hardware	
Environment	Operating temperature	32°F to 122°F (0°C to 50°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 95% @ 149°F (65°C), noncondensing
	Altitude	up to 15,000 ft. (4.6 km)
	Acoustic	Noise emission LwA=58 dB at virtual workspace, according to DIN 45635 T.19
Electrical characteristics	Description	The unit automatically adjusts to any voltage between 110-240 V and either 50 or 60 Hz
	Voltage	110-240 VAC
	Current	11/6 A
	Maximum power rating	1000 W
	PoE power	816 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. For Japan, the unit only operates at 200 V, 50 Hz, and 6 A.
Safety	CSA 22.2 No. 60950; EN 60950/IEC 60950; UL 60950	
Emissions	FCC Class A; VCCI Class A; EN 55022/CISPR 22 Class A	
Immunity	EN	EN 55024, CISPR 24
	ESD	IEC 61000-4-2; 4 kV CD, 8 kV AD
	Radiated	IEC 61000-4-3; 3 V/m
	EFT/Burst	IEC 61000-4-4; 1.0 kV (power line), 0.5 kV (signal line)
	Surge	IEC 61000-4-5; 1 kV/2 kV AC
	Conducted	IEC 61000-4-6; 3 V
	Power frequency magnetic field	IEC 61000-4-8; 1 A/m, 50 or 60 Hz
	Voltage dips and interruptions	IEC 61000-4-11; >95% reduction, 0.5 period; 30% reduction, 25 periods
	Harmonics	EN 61000-3-2, IEC 61000-3-2

Technical Specifications

	Flicker	EN 61000-3-3, IEC 61000-3-3

Management Unmanaged power supply; provides information via LEDs or through port interfaces of attached devices

Notes Supported devices: HP Switch 2600-PWR Series, Switch 2610-PWR Series, and Switch 5300xl Series

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)
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