

ProCurve 610 External Power Supply

The ProCurve 610 External Power Supply (EPS) has 4 EPS ports and can supply up to four Power over Ethernet (PoE)-capable devices with a total of 816 W electrical power for PoE. Each pair of EPS ports can supply up to 408 W of PoE power for two Switch xl 10/100-TX PoE modules. These modules can then provide PoE to connected end devices such as IP phones and wireless LAN access points that comply with IEEE 802.3af PoE standard. The 610 also includes EPS power backup ports, which allow one 610 with spare power to provide power backup for another 610 unit connected to it in a stack.



ProCurve 610 External Power Supply (J8169A)



ProCurve 610 External Power Supply

Features and benefits

- **Supports ProCurve chassis and stackable products:** power supply units can be configured to support both chassis and stackable switches
- **ProCurve patented EPS backup:** automatically provides power to another connected 610 unit in a stack in case of a power failure
- **External switch power (4 ports):** provides external power to up to four PoE switches or modules through 4 EPS ports
- **Cables included:** 2 m EPS cables for all available ports are included
- **Lifetime warranty:** for as long as you own the product, with next-business-day advance replacement (available in most countries)

Services

- 3-year, 4-hour onsite, 13x5 coverage for hardware (U9270E)
- 3-year, 4-hour onsite, 24x7 coverage for hardware (U9271E)

Check www.hp.com/go/procurveservices for part numbers and service-level descriptions. For details about services and response times in your area, please contact your local HP sales office.

ProCurve 610 External Power Supply

Specifications



ProCurve 610 External Power Supply (JB169A)

Ports	4 external power supply ports Restrictions: Provides +50 VDC external PoE power to up to four switch devices; each pair of EPS ports provides max of 408 W full power to one device, and half power (204 W each) if connected to two devices
Total	816 W of power
Physical characteristics	
Dimensions (D x W x H)	48.31 x 43.94 x 4.39 cm (19.02 x 17.3 x 1.73 in.) (1U height)
Weight (fully loaded)	7.46 kg (16.44 lb.)
Mounting	1U rack-mountable and wall-mountable enclosure using standard mounting hardware
Environment	
Operating temperature	0°C to 50°C (32°F to 122°F)
Operating relative humidity	15% to 95% @ 40°C (104°F), non-condensing
Non-operating/Storage temperature	-40°C to 70°C (-40°F to 158°F)
Non-operating/Storage relative humidity	15% to 95% @ 65°C (149°F), non-condensing
Altitude	Up to 4.6 km (15,091 ft.)
Acoustic	Noise emission LwA = 58 dB at virtual workspace according to DIN 45635 T.19
Electrical characteristics	The unit automatically adjusts to any voltage between 110–240 V and either 50 or 60 Hz
Voltage	110–240 VAC
Current	11 A–6 A
Power consumption	1000 W
PoE power	816 W
Frequency	50/60 Hz
Notes	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; EN 55022/CISPR-22 Class A; VCCI Class A
Immunity	
EN	EN55024/CISPR 24
ESD	IEC 61000-4-2; 4 kV CD, 8 kV AD
Radiated	IEC 61000-4-3; 3V/m
EFT/Burst	IEC 6100-4-4; 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; 3V
Power frequency magnetic field	IEC 61000-4-8; 1A/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
Flicker	EN 61000-3-3/IEC 61000-3-3
Management	Unmanaged power supply; provides information via LEDs or through port interfaces of attached devices
Supported devices	ProCurve Switch 2600-PWR series ProCurve Switch 5300xl series