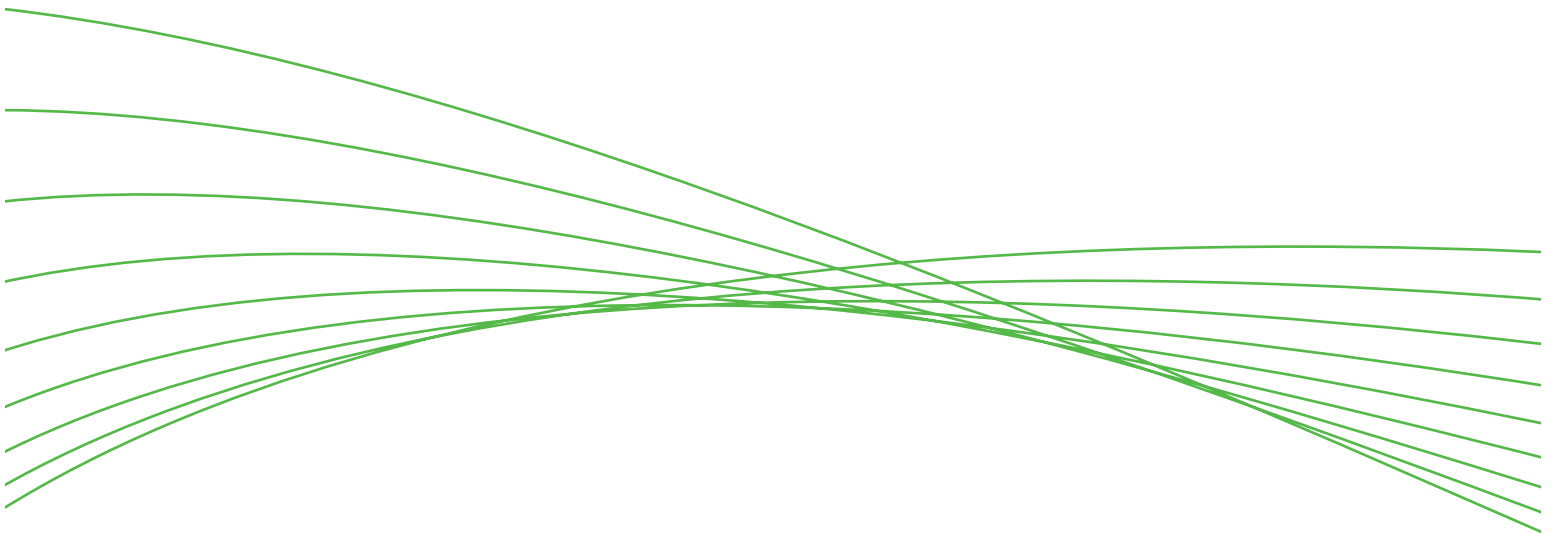


ProCurve 620 Redundant/External Power Supply

The ProCurve 620 Redundant/External Power Supply provides redundant system power and/or an extra 398 watts of PoE power for two supported switches simultaneously. Ideally suited for VoIP environments, the 620 provides the 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 620 is seamless and immediate. In addition, the 620 can provide a full power cord redundancy solution that can protect against a single power main failure. The 620 supports the ProCurve 2900 series, 3500yl series, and 6200yl switches.



ProCurve 620 Redundant/External Power
Supply (J8696A)



ProCurve 620 Redundant/External Power Supply

Features and benefits

- **Supports up to 2 switches:** provides RPS and EPS power for up to two switches simultaneously
- **Supports a number of ProCurve stackable switches:**
 - **Redundant power supply (RPS):** provides full redundant system power (RPS) support for the ProCurve 2900 series, 3500yl series, and 6200yl switches
 - **External power supply (EPS):** provides an additional 398 W of PoE (EPS) power to the ProCurve 3500yl switches

- **Cables included:** includes four 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.

Industry-leading warranty

- **Lifetime warranty:** for as long as you own the product, with next-business-day advance replacement (available in most countries)

Services

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 620 Redundant/External Power Supply

Specifications

Ports

2 redundant power supply ports
Restrictions: 195 W available per port
2 external power supply ports
Restrictions: 398 W available per port

Physical characteristics

Dimensions (D x W x H):
15.4 x 17.4 x 1.73 in. (39.12 x 44.2 x 4.39 cm) (1U height)
Weight: 15.2 lb. (6.89 kg)

Mounting

Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included); horizontal surface mounting only

Environment

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

Electrical characteristics

Max. heat dissipation: 400 BTU/hr (422 kJ/hr) for the actual 620 itself. PoE-powered device heat dissipation assumed to be outside the 620.
Voltage: 100–127 VAC/200–240 VAC
Current: 12.5 A/5.5 A
Power consumption: 1360 W
RPS power: 390 W
PoE power: 796 W
RPS: 12 V
PoE: –50 V
Frequency: 50/60 Hz
Notes: Above figures are for maximum RPS and EPS power being supplied to 2 switches simultaneously. 220 V power cords shipped with the 620 have a wall plug rated as close to 13 A as specific country standards allow.

Safety

CSA 22.2 No. 60950;
EN 60950/IEC 60950;
UL 60950

Emissions

FCC Class A;
VCCI Class A;
EN55022/CISPR-22 Class A

Immunity

EN: EN55024, CISPR 24
ESD: IEC 61000-4-2
Radiated: IEC 61000-4-3
EFT/Burst: IEC 61000-4-4
Surge: IEC 61000-4-5
Conducted: IEC 61000-4-6
Power frequency magnetic field: IEC 61000-4-8
Voltage dips and interruptions: IEC 61000-4-11
Harmonics: EN61000-3-2, IEC61000-3-2
Flicker: EN61000-3-3, IEC61000-3-3

Management

Unmanaged power supply; provides information via LEDs (LEDs repeated on front and back panel) or through port interfaces of attached devices

Notes

The ProCurve 620 supports the ProCurve 2900 series (RPS), 3500yl series (RPS/EPS), and 6200yl (RPS) switches. The ProCurve 5400zl switches are not supported.
The ProCurve 620 includes 4 2-meter RPS/EPS cables. These cables can be used to carry either RPS or EPS power to the switch being powered.

Supported devices

ProCurve Switch 2900-24G
ProCurve Switch 2900-48G
ProCurve Switch 3500yl-24G-PWR
ProCurve Switch 3500yl-48G-PWR
ProCurve Switch 6200yl-24G-mGBIC

For more information

To learn more about ProCurve Networking,
please visit www.procurve.com

© 2006 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.

4AA0-8516ENW, October 2006

