

HPR Series Rack Power Supplies

HPR2416(CB)UL, HPR2416300(CB)UL, HPR2416600(CB)UL, HPR2432300(CB)UL, HPR2432600(CB)UL, HPR12DC416(CB)UL,

Description

The HPR Series Rack Mount CCTV Power Supplies provide 24/28 VAC or 12 VDC output distributed via 16 or 32 fuse- or PTC-protected circuits for powering video cameras, heaters, blowers and other video accessories.

Designed with advanced technology, the HPR Series provides filtered power distributed to 16 or 32 output circuits, each configurable from the front panel for 24 V or 28 V operation in banks of 8 outputs. Taking just 2U of rack space, each circuit is fuse protected at 3.0 A, or PTC protected at 2.5 A with a total output capacity of 8, 12.5 or 25 A with AC, or 4/6 A with DC. Fuses and voltage configuration switches are accessible directly through the front panel by removing six screws.

Benefits

- Designed for optimal use of space.
- Enclosure cover enables easy on/off for quick maintenance.
- An all-in-one power supply and distribution unit in a roomy cabinet.
- Transformer thermal protection limits damage from overloaded circuits.
- LED lights for quick and easy diagnosis, troubleshooting, and status indication.
- Fully assembled with accessories included for quick installation.
- Enclosure built for durability and product life.
- Power cord included; three conductors for ground safety convenience.

Specifications

- 16 or 32 individual circuit status LED indicators.
- Surge suppression and transient protection (spark gap) to reduce line noise.
- Maintains camera synchronization.
- 2U rack chassis for use in standard EIA 19" rack.
- Removable rear terminal blocks and factory installed power cord.
- Line power rocker switch with built-in circuit breaker indicates Power ON with red neon.
- Individual circuit output Green LED indicators.
- Three-conductor cord for AC input.
- Thermal overload and short circuit protection.
- Pluggable terminal blocks for all low-voltage field connections.
- Primary input power: 120 VAC, 60 Hz, 2, 3, or 6 A.
- Output power, AC models: 24 VAC or 28 VAC selectable in banks of 8 outputs with 8, 12.5 or 25 A total power.
- Output power, DC models: 12 VDC at 4 or 6 A total power.



- Grounded case.
- Temperature rating: 32°F to 120°F (0°C to 49°C).
- Relative humidity: 10 – 93%, non-condensing.
- Rack dimensions: 3.25" H x 19" W x 9" D (cm: 8.255 H x 48.26 W x 22.86 D)

Listings

Listings and approvals below apply to the basic product. In some cases, certain models may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- UL Listed for Commercial CCTV Equipment UL2044. File E309231
- CUL Listed — CSA Standard C22.2 No.1-04, Audio, Video and Similar Equipment

LED Diagnostics

| Catalog Number | Description |
|----------------|--|
| HPR2416UL | 16 24 VAC fuse outputs @8 A, rack PS |
| HPR2416CBUL | 16 24VAC PTC outputs @8 A, rack PS |
| HPR2416300UL | 16 24/28 VAC fuse outputs@12.5/10 A, rack PS |
| HPR2416300CBUL | 16 24/28 VAC PTC outputs@12.5/10 A, rack PS |
| HPR2416600UL | 16 24/28 VAC fuse outputs @ 25/20 A, rack PS |
| HPR2416600CBUL | 16 24/28 VAC PTC outputs @ 25/20 A, rack PS |
| HPR2432300UL | 32 24/28 VAC fuse outputs @ 12.5/10 A, rack PS |
| HPR2432300CBUL | 32 24/28 VAC PTC outputs @ 12.5/10 A, rack PS |
| HPR2432600UL | 32 24/28 VAC fuse outputs @ 25/20 A, rack PS |
| HPR2432600CBUL | 32 24/28 VAC PTC outputs @ 25/20 A, rack PS |
| HPR12DC416UL | 16 12 VDC fuse outputs @ 4 A, rack PS |
| HPR12DC416CBUL | 16 12 VDC PTC outputs @ 4 A, rack PS |
| HPR12DC616UL | 16 12 VDC fuse outputs @ 6 A, rack PS |
| HPR12DC616CBUL | 16 12 VDC PTC outputs @ 6 A, rack PS |

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.
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