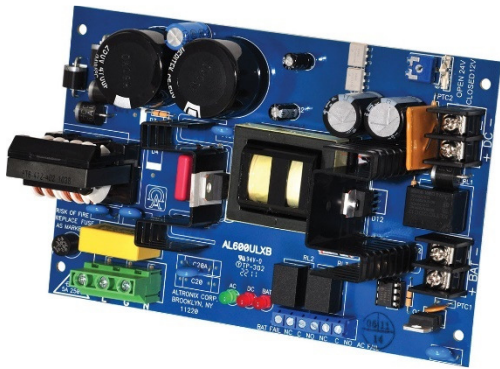


Power Supply, Battery Backup Optional P-4800S



Description: Power supply to be used with Cornell systems. Recognized power supply/charger that converts a 115VAC, 60Hz input into multiple 12VDC or 24VDC non-power-limited outputs.

Mounting: Mounts on a 1U 8" networking rack shelf which shall be mounted inside the BB-49S backbox.

Engineering Specifications: The *CORNELL* P-4800S Power Supply with Optional Battery Backup is used with the *CORNELL* Sentinel Area of Refuge System. The power supply shall be provided with 115 VAC 60Hz input power by the electrical contractor or installer. Enclosure provided with cam lock and field wiring on the units shall utilize screw terminals.

Optional: Power supply battery backup options with the below part numbers.

- B-4807 offers approximately 3 hours of backup on a standard Sentinel Area of Refuge System.
 - B-4807 battery kit for use with the main system panel and/or expansion switch power supplies.
- B-4865 offers 28 hours of backup on a standard Sentinel Area of Refuge System main panel only.
 - B-4865 battery kit for use ONLY with the P-4800S main system panel power supply.

Technical Information:

- Input: 115VAC, 60Hz, 3.5A.
- Output: 12VDC or 24VDC selectable outputs (x8)
 - 6A continuous supply current.
 - Filtered and electronically regulated outputs.
 - Short circuit and thermal overload protection.
- Battery Backup (Optional, additional equipment needed)
 - Built-in charger for sealed lead acid or gel type batteries.
 - Automatic instantaneous switch over to stand-by battery when AC fails.
- Supervision
 - AC fail supervision (form "C" contacts).
 - Low battery / battery fail supervision (form "C" contacts).
 - Battery presence supervision (form "C" contacts).
- Visual Indicators
 - AC input and DC output LED indicators. Battery discharged/not connected LED too.
- Temperature:
 - Operating: 0° C to 49° C (32° F to 120° F).
 - Storage: - 20° C to 70° C (- 4° F to 158° F).
 - Relative Humidity 85% +/- 5%.
 - BTU/Hr (approx.):
 - 12VDC: 37 BTU/Hr.
 - 24VDC: 74 BTU/Hr.
 - System AC input VA requirement: 402.5VA