

- **HP300ULX**
- **HP300ULM**
- **HP300ULPD4CB**

Power Limited Supplies/Chargers

Description

The HP300UL Series is a line of power limited supplies/chargers that will convert 115 VAC/60 Hz input into a power limited 12 VDC or 24 VDC output @ 2.5 A. They are used in applications requiring UL Listing for Access Control (UL294), Fire Alarm (UL1481), and Burglar Alarm Installations (UL603).

- HP300ULX - Includes the supply, enclosure, transformer and battery leads.
- HP300ULM - Includes the supply, HPMOM6 multi-output power distribution module, enclosure, transformer and battery leads.
- HP300ULPD4CB - Includes the supply, a four-output individually protected power distribution board (with auto-resettable PTC circuit breakers), enclosure, transformer and battery leads.

Benefits

- An all in one power supply and distribution unit enclosed in roomy cabinet.
- Transformer thermal protection limits damage from overloaded circuits.
- LED lights for quick and easy diagnosis, troubleshooting, and status indication.
- Comes fully assembled with accessories included for quick installation.
- Enclosure built for durability and product life.
- Power disconnect switch makes for easy servicing.
- Power cord included and has three conductors for ground safety convenience.
- Instantaneous switchover to standby battery (if equipped) when AC fails, maintaining power to all attached devices without intervention.

Specifications

- UL294 for use with Access Control Systems.
- UL1481 for use with Fire Alarm Systems.
- UL603 for use with Burglar Alarm Installations.
- Switch selectable 12 VDC or 24 VDC power limited output.
- Input: 115 VAC /60 Hz, 0.9A.
- 2.5 A continuous supply current at 12 VDC or 24 VDC.
- Filtered and electronically regulated outputs.
- Built-in charger for sealed lead acid or gel type batteries. Charge current 300mA.
- Automatic switch-over to standby battery when AC fails.
- AC input and DC output LED indicators.
- AC fail supervision (Form "C" contacts).
- Low battery supervision (Form "C" contacts).
- Low battery disconnect prevents batteries from deep discharge.
- Thermal overload protection.
- Short circuit protection.
- Includes battery leads.
- Enclosure Dimensions: 17.5" H x 13" W x 4.5" D (cm: 44.5 H x 33 W x 11.5 D).

Accommodates up to two (2) 12AH batteries.



HP300ULX

HPMOM6 Specifications

- NFPA 72 compliant.
- Class 2 outputs.
- 12 VDC or 24 VDC operation.
- Six (6) individual power-limited outputs. Current limit is 2.5 A @ 12 VDC or 24 VDC per output.
- Fire Alarm Panel or Access Control System inputs (NO or NC supervised trigger input and polarity reversal trigger input).
- Red LEDs indicate condition of each power output.
- Power and input trigger LEDs.
- Power fail supervision relay (Form "C" rates 1.0 A @ 28 VDC/115 VAC).
- Output relay indicates unit is triggered (Form "C" rated 1.0 A @ 28 VDC/115 VAC).
- Interfaces with most DC power supplies.
- Board Dimensions: 5.3"L x 3.5"W x 1"H (cm: 13.46L x 8.89W x 2.54H).

Distribution Board Specifications

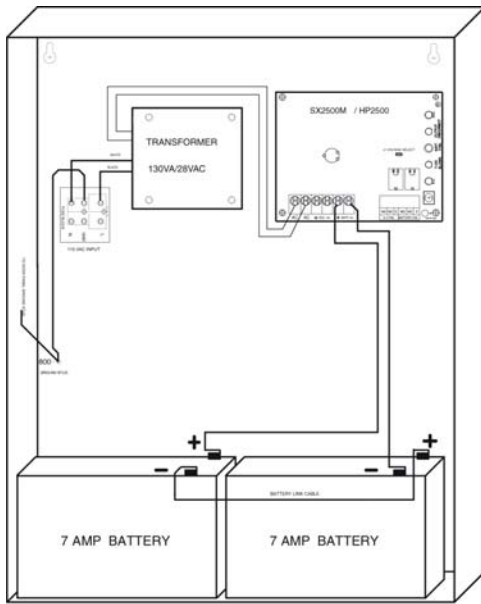
- Distributes power rated up to 28 VAC/VDC
- power disconnect switch.
- Uses automotive-style fuses (rated 3.0 A) to individually protect each circuit .
- LED indicator lights.
- Mounts with included foam backed adhesive tape or optional HST34 snap track.
- Compact design.
- Temperature range: 32°F to 120°F (0°C to 49°C).
- Board dimensions: 3.0" H x 4.3" W x 1.0" D (cm: 7.62 H x 10.922 W x 2.54 D)

Agency Listings and Approvals

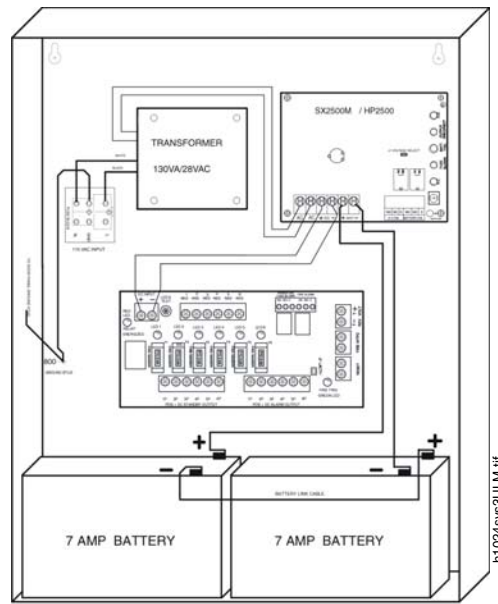
Listings and approvals below apply to the HP300UL Series. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- Listed to Standards UL 294 (Access Control System Units), UL 603 (Power Supplies for use with Burglar-Alarm Systems), and UL 1481 (Power Supplies for Fire-Protective Signaling Systems).
- **UL Listed:** S6677
- **CSFM:** 7300-1637:101
- **MEA:** 114-07-E (correction)

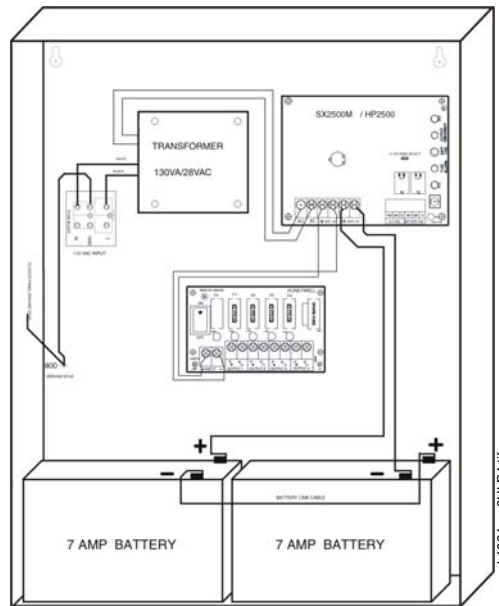
This unit has not been evaluated as elevator equipment, and is not authorized for bell output in Mercantile applications.



HP300ULX



HP300ULM



HP300ULPD4CB

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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Automation and Control Solutions

Honeywell

12 Clintonville Road
 Northford, CT 06472-1610
 www.honeywellpower.com

1(877) HPP-POWR
 hpp_techserv@honeywell.com

DH-1024:B
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