



Maximal37E

### Overview

Maximal37E provides system designers and installers with maximum power choices and the highest levels of versatility. It provides 12VDC, or 12VDC and 24VDC simultaneously via two (2) single output power supply/chargers. It includes AC fail, low battery and battery presence monitoring. Optional Altronix® field installable sub-assemblies provide multiple outputs and a wide range of features for specific Access Control and Fire Alarm applications.



### Specifications

#### Input:

- 115VAC 60Hz, 7.7 amp input.

#### Output:

- 12VDC and/or 24VDC outputs.
- Maximum output current:

Options	P/S 1	P/S 2
A	12VDC @ 6 amp	24VDC @ 10 amp
B	24VDC @ 6 amp	24VDC @ 10 amp

- Filtered and electronically regulated outputs (built-in power supply).
- Thermal and short circuit protection with auto reset.

#### Fuse Ratings:

- Power Supply input fuse rated @ 3.5 amp/250V.

#### Supervision:

- AC fail supervision (form “C” contacts).
  - Notification trigger is selectable for 30 seconds (factory set) or 6 hours.
- Low battery and battery presence supervision (form “C” contact).

#### Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.

#### Battery Backup (cont'd):

- Maximum charge current:
  - AL600ULXB maximum charge current is 0.7 amp.
  - AL1024ULXB2 maximum charge current is 3.6 amp.
- Zero voltage drop when unit switches over to battery backup (AC failure condition).

#### Visual Indicators:

- AC input and DC output LED indicators.

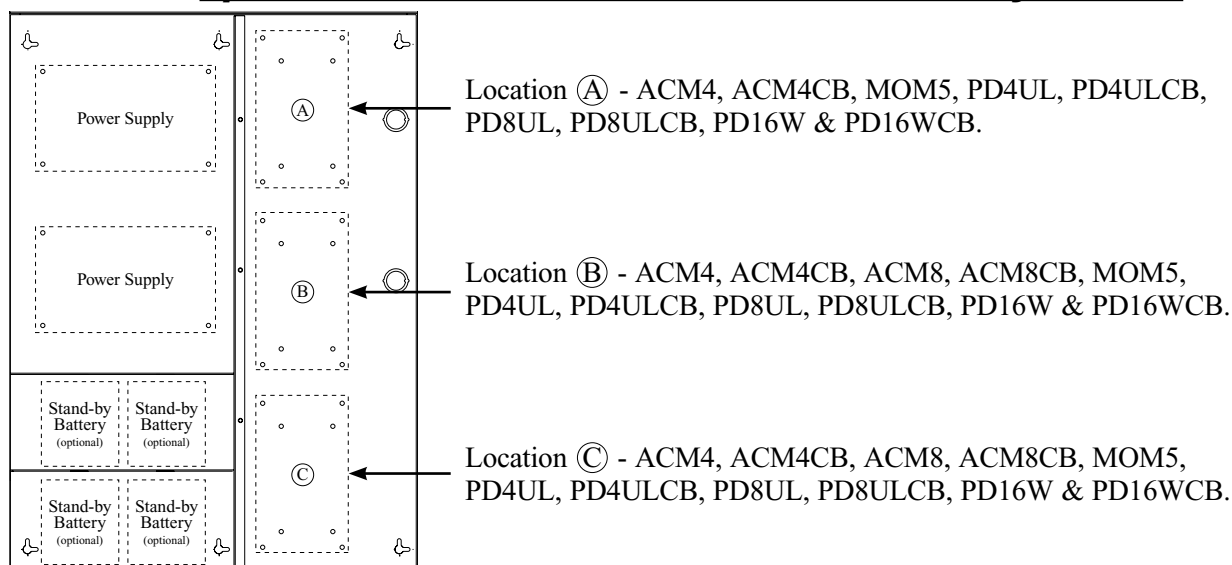
#### Electrical:

- Operating temperature: 0° C to 49° C ambient.
- BTU/Hr.:
  - 12VDC and 24VDC: 159.69 BTU/Hr.
  - 24VDC: 196.54 BTU/Hr.
- System AC input VA requirement: 885.5VA.

#### Mechanical:

- Enclosure Dimensions (H x W x D approx.): 26” x 19” x 6.25” (660.4mm x 482.6mm x 158.75mm)
- Enclosure accommodates up to four (4) 12AH batteries.
- Product weight (approx.): 42.3 lbs. (19.19 kg).
- Shipping weight (approx.): 46.3 lbs. (21.00 kg).

### Optional Field Installable UL Listed Sub Assembly Modules



## Agency Approvals



UL Listed for Access Control System Units  
(UL 294).



CUL Listed - CSA Standard C22.2  
No.205-M1983, Signal Equipment.



CSFM  
California State Fire Marshal Approved.

### **Enclosure Dimensions (H x W x D approximate):**

26" x 19" x 6.25" (660.4mm x 482.6mm x 158.75mm)

