



Maximal77E

### Overview

Maximal77E provides system designers and installers with maximum power choices and the highest levels of versatility. It provides 24VDC via two (2) single output power supply/chargers. It includes AC fail, low battery, and battery presence monitoring. Optional Altronix<sup>®</sup> 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, 8.8 amp input.

#### Output:

- 24VDC outputs.
  - Maximum output current:
- |                |                |                |
|----------------|----------------|----------------|
| <b>Options</b> | <b>P/S 1</b>   | <b>P/S 2</b>   |
| A              | 24VDC @ 10 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 @ 10 amp/250V.

#### Features:

- AC fail supervision (form “C” contact).
- Low battery and battery presence supervision (form “C” contact).

#### Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries.

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

- Maximum charge current 3.6 amp per p/s board.
- Automatic switch over to stand-by battery when AC fails.
- Zero voltage drop when unit switches over to battery backup (AC failure condition).

#### Visual Indicators:

- AC input and DC output LED indicators.

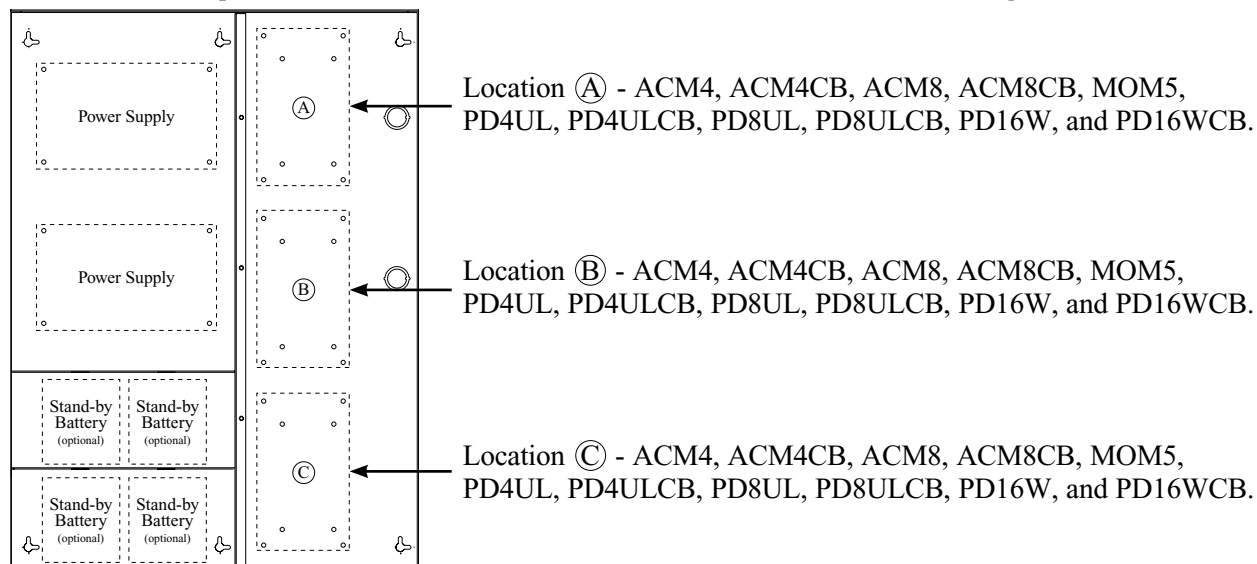
#### Electrical:

- Operating temperature: 0° C to 49° C ambient.
- BTU/Hr.: 245.67 BTU/Hr.
- System AC input VA requirement: 1012VA.

#### Mechanical:

- Enclosure Dimensions (H x W x D approx.): 27” x 19” x 6.25” (685.8mm x 482.6mm x 158.75mm)
- Enclosure accommodates up to four (4) 12AH batteries.
- Product weight (approx.): 36.0 lbs. (16.33 kg).
- Shipping weight (approx.): 40.0 lbs. (18.14 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) 27" x 19" x 6.25" (685.8mm x 482.6mm x 158.75mm)

