

## Overview



Maximal55E

Maximal55E provides system designers and installers with “maximum” power choices and the highest levels of versatility. It provides 12VDC 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, 6.0 amp input.

### Output:

- 12VDC outputs.
  - Maximum output current:
- | Options | P/S 1          | P/S 2          |
|---------|----------------|----------------|
| A       | 12VDC @ 10 amp | 12VDC @ 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.

### 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 0.7 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.

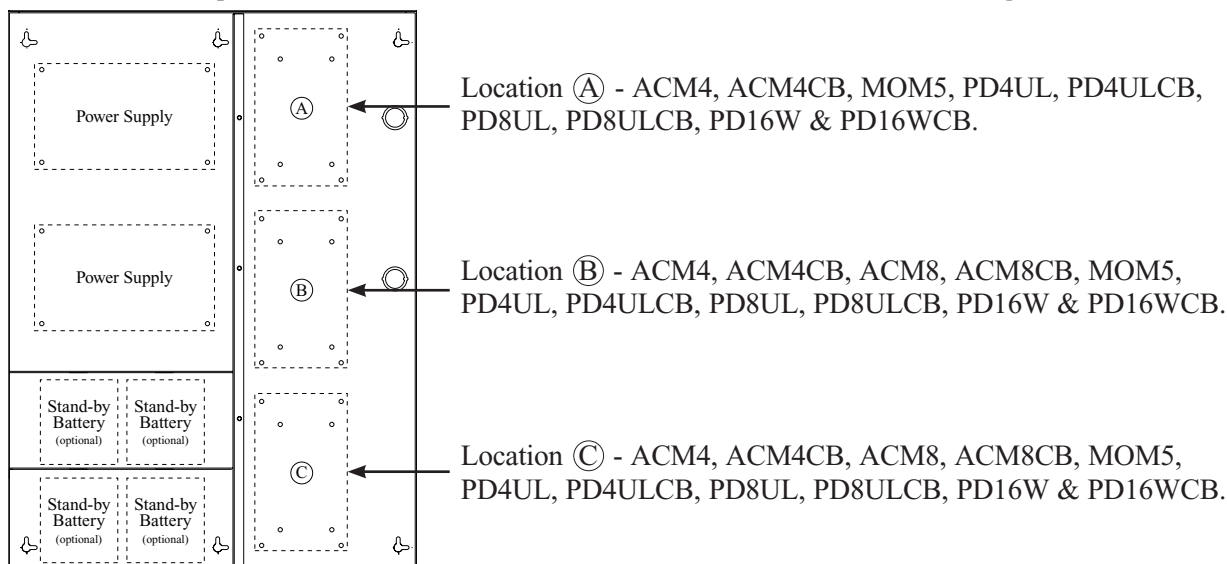
### Electrical:

- Operating temperature: 0° C to 49° C ambient.
- BTU/Hr.: 122.84 BTU/Hr.
- System AC input VA requirement: 690VA.

### 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.): 43.5 lbs. (19.73 kg).
- Shipping weight (approx.): 47.5 lbs. (21.55 kg).

## Optional Field Installable UL Listed Sub Assembly Modules



# Agency Approvals



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



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)

