



Maximal77EV

Overview

Maximal77EV provides system designers and installers with maximum power choices and the highest levels of versatility. It provides 24VDC via two (2) single output power supplychargers. 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:

- 220VAC (working range 198VAC - 256VAC), 50/60Hz, 6.25 amp input.

Output:

- 24VDC outputs.
 - Maximum output current options:
- | Option | P/S 1 | P/S 2 |
|--------|----------------|----------------|
| 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.

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.

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.

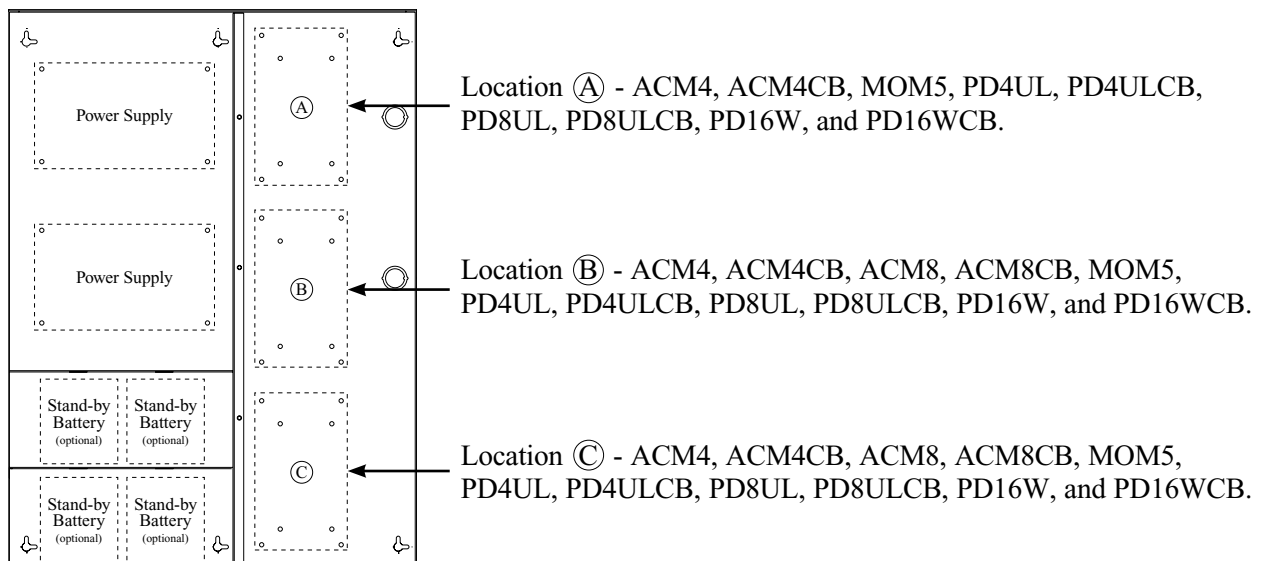
Electrical:

- Operating temperature: 0° C to 49° C ambient.
- BTU/Hr.: 245.67 BTU/Hr.
- System AC input VA requirement: 1375VA.

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.): 36.0 lbs. (16.33 kg).
- Shipping weight (approx.): 40.0 lbs. (18.14 kg).

Optional Field Installable UL Listed Sub-Assembly Modules



Enclosure Dimensions (H x W x D approximate):
 26" x 19" x 6.25" (660.4mm x 482.6mm x 158.75mm)

