



Maximal75EV

Overview

Maximal75EV provides system designers and installers with maximum power choices and the highest levels of versatility. It provides 12VDC and 24VDC 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:

- 220VAC (working range 198VAC - 256VAC), 50/60Hz, 5 amp input.

Output:

- 12VDC and 24VDC output.
- Maximum output current options:

Option	P/S 1	P/S 2
A	24VDC @ 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 ratings
 - AL1012ULXB: 3.5 amp/250V.
 - AL1024ULXB: 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.
- Maximum charge:
 - AL1012XB220: 0.7 amp.
 - AL1024XB2V: 3.6 amp.
- 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.

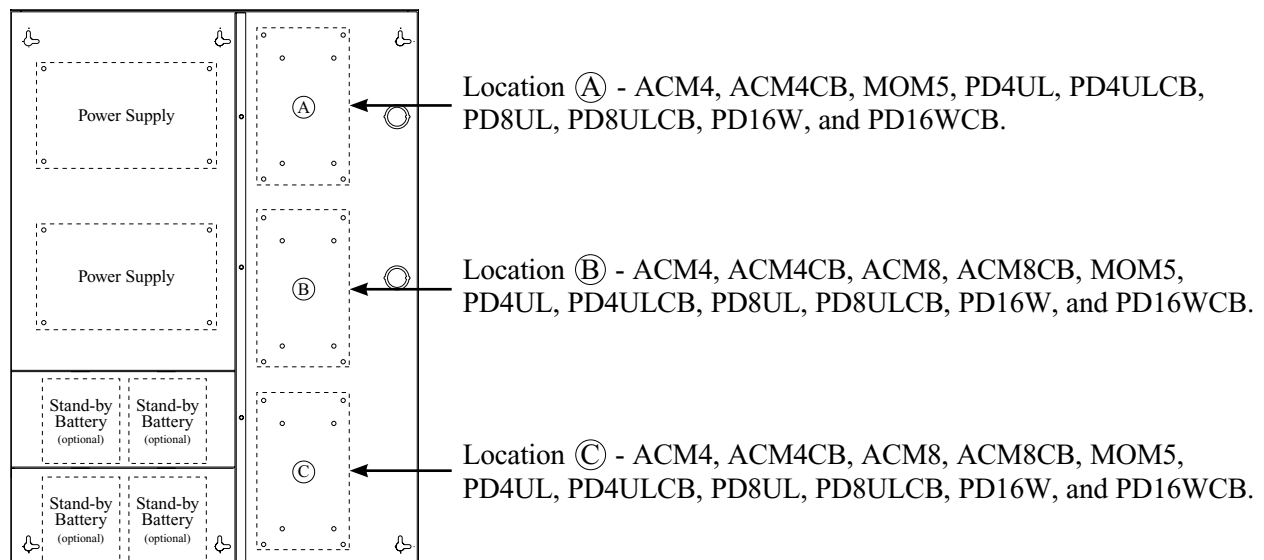
Electrical:

- Operating temperature: 0° C to 49° C ambient.
- BTU/Hr.: 184.26 BTU/Hr.
- System AC input VA requirement: 1100VA.

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)

