



Maximal55E

Overview

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® 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, 5.2 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.

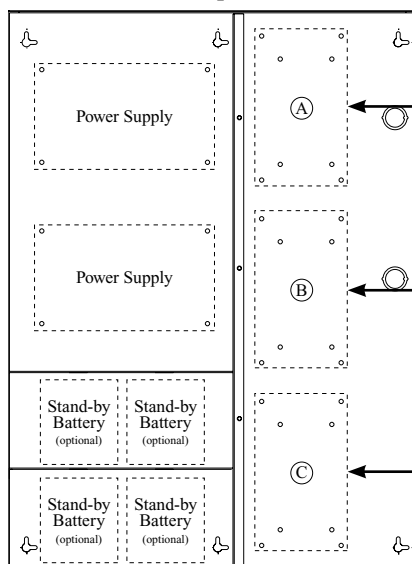
Electrical:

- Operating temperature: 0° C to 49° C ambient.
- BTU/Hr.: 122.84 BTU/Hr.
- System AC input VA requirement: 598VA.

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



Location (A) - ACM4, ACM4CB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PD16W & PD16WCB.

Location (B) - ACM4, ACM4CB, ACM8, ACM8CB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PD16W & PD16WCB.

Location (C) - ACM4, ACM4CB, ACM8, ACM8CB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PD16W & PD16WCB.

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)

