



Overview

Maximal55FE Expandable Power System provides system designers and installers with optimum power choices and the highest levels of versatility. It provides 12VDC via two (2) single output power supply/chargers. System includes AC fail, low battery and battery presence monitoring. Enclosure facilitates up to four (4) 12VDC/12AH batteries. All interconnecting equipment must be UL Listed.

Specifications

Input:

- 120VAC 60Hz, 7.0 amp input.

Output:

- 12VDC outputs.
 - Maximum output current:
- | Options | P/S 1 | P/S 2 |
|---------|----------------|----------------|
| A | 12VDC @ 10 amp | 12VDC @ 10 amp |
- Non power-limited outputs.
 - Aux. power-limited output rated @ 1 amp (unswitched).
 - Over Voltage Protection.

Fuse Ratings:

- Power Supply input fuse rated @ 5 amp/250V.

Fire Alarm Disconnect:

- Supervised Fire Alarm disconnect (latching or non-latching) 10K EOL resistor. Operates on a normally open (NO) or normally closed (NC) trigger.

Supervision:

- AC fail supervision (form "C" contacts).
- Battery fail & presence supervision (form "C" contacts).
- Low power shutdown. Prevents deep battery discharge.

Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current 1.54 amp.
- Automatic switch over to stand-by battery when AC fails.
- Battery fuses rated @ 15A/32V.

Visual Indicators:

- Green AC Power LED indicates 120VAC present.
- AC input and DC output LED indicators.

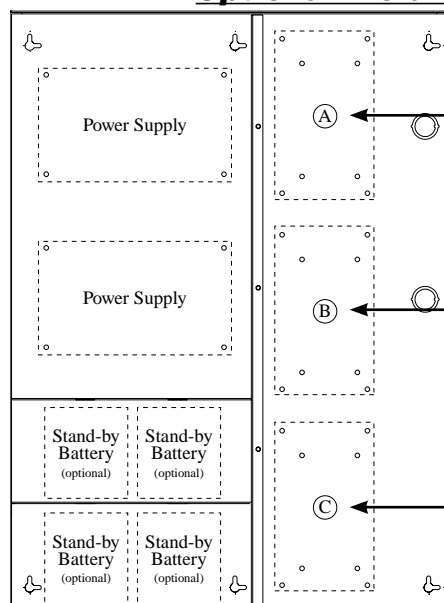
Electrical:

- Operating temperature: 0° C to 49° C ambient.
- BTU/Hr.: 122.84 BTU/Hr.
- System AC input VA requirement: 840VA.

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.): 23.5 lbs. (10.66 kg).
- Shipping weight (approx.): 27.5 lbs. (12.52 kg).

Optional Field Installable UL Listed Sub Assembly Modules



Location ① - ACM4, ACM4CB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PD16W & PD16WCB.

Location ② - ACM4, ACM4CB, ACM8, ACM8CB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PD16W & PD16WCB.

Location ③ - ACM4, ACM4CB, ACM8, ACM8CB, MOM5, PD4UL, PD4ULCB, PD8UL, PD8ULCB, PD16W & PD16WCB.

Agency Approvals



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



ULC-S319-05 - Electronic Access
Control Systems Class I equipment. CSA
C22.2 No.205 - 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)

