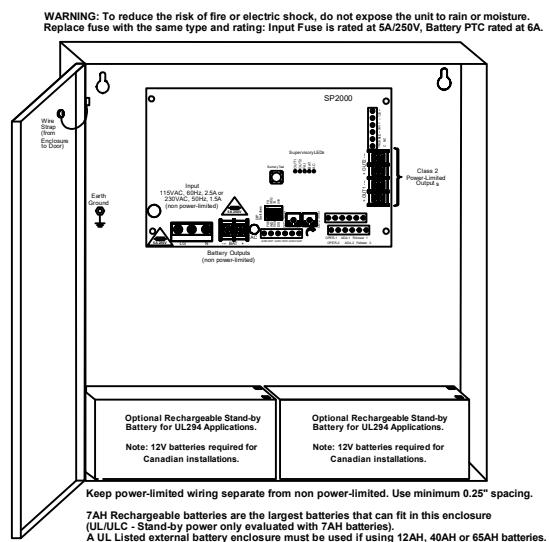
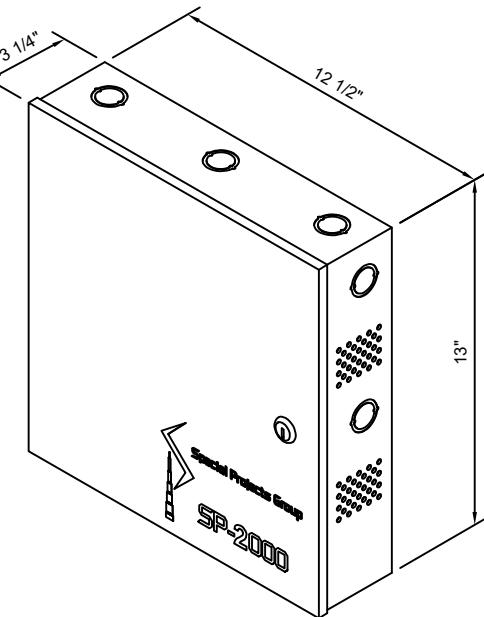


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**SPECIFICATIONS****INPUT:**

- Input 115VAC 60Hz, 2.5A or 230VAC, 50Hz, 1.5A.
- Two (2) NO trigger inputs.
- FACP Normally Closed (N.C.) input.
- Two normally open ADA inputs for special mode of interfacing with automatic door operators.
- Input fuse rating: 3A.

**OUTPUTS:**

- Power options:
  - Two (2) 19.8VDC to 26.4VDC individually controlled lock outputs configurable for applications with battery back-up. 24VDC to 26.4VDC rated for applications without battery back-up (US applications only). Current rating 2A combined.

- One (1) 19.8VDC to 26.4VDC @ 0.8A rated filtered regulated auxiliary output for applications with battery back-up. 24VDC-26.4VDC @ 0.8A rated for applications in US not requiring battery back-up. Not affected by FACP trigger.

- One (1) 12VDC filtered regulated auxiliary output rated @ 0.5A. Not affected by FACP trigger.

- Two (2) follower Normally Open relay outputs for controlling ADA actuators/accessories rated 28VDC @ 0.5A.

- Two momentary door operator activation relay outputs.

- Trouble relay output indicating low AC voltage trouble and battery trouble.

**BATTERY BACK-UP:**

- Requires two (2) 12V batteries to be wired in series for 24 operation. Note: Batteries not included with power controller, must be ordered separately.
- When 7AH batteries are used, battery capacity for emergency stand-by is 30 minutes.
- Built-in charger for sealed lead acid batteries.
- Maximum charge current 650mA.
- Automatic switch over to stand-by battery when AC fails.
- Battery PTC rating: 6A.
- Battery leads included.

**VISUAL INDICATORS:**

- Green AC Power LED indicates AC present.
- Red trigger output LEDs indicate panic device status/opened (activated, short circuit).
- Green Fire Alarm Interface (FAI) LED indicates FACP interface is activated.
- Red Battery LED indicates low battery during AC failure and battery test.
- Green AC LED indicates loss of AC trouble.

**FIRE ALARM DISCONNECT:**

- Normally Closed FACP trigger input.
- Programmable Fire Alarm Disconnect options:
  - Removes power to outputs and disables delayed follower relays.
  - Connects power to lock outputs and enables delayed follower relays.

**Agency Listings:**

- UL 294: Access Control Unit Power Supply.
  - Evaluated to the following levels of UL 294 6th edition:
    - Destructive Attack - I, Line Security - I.
    - Endurance - IV, Stand-by Power - II.
- ULC-S319: Access Control Unit Power Supply, Class 1.

**ELECTRICAL:**

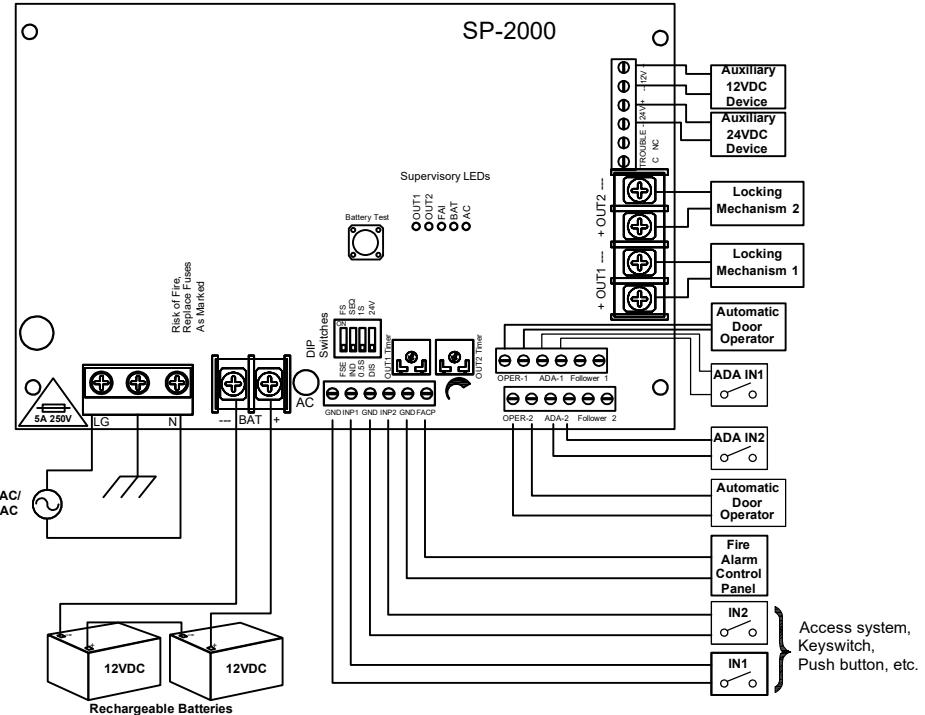
- Operating temperature: 0° C to 49° C (32°F to 120°F) ambient.
- Storage temperature: -20° C to 70° C (-4°F to 158°F) ambient.
- BTU/Hr.: 120 BTU/Hr.
- Relative Humidity: 85% +/-5%.

**MECHANICAL:**

- Enclosure Dimensions (H x W x D approx.):
  - 13" x 12.5" x 3.25" (330.2mm x 317.5mm x 82.55mm).
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.
- Product weight (approx.): 6.25 lbs. (2.83 kg).
- Shipping weight (approx.): 7.15 lbs. (3.25 kg).

**NOTE:**

For use only with MEL (Motor Electrified) Paneline Exit Device



Wiring Distance Table (based on 1A max. load locking hardware):

Wire Gauge	Distance
18 AWG Stranded	180 ft.
16 AWG Stranded	280 ft.
14 AWG Stranded	450 ft.
12 AWG Stranded	720 ft.

DRAWN:	 SLL	<b>SP2000 POWER CONTROLLER</b>	95378-114	A	CONTROLLER WAS CONTROLLER	03/18/19
DATE:			E.C. NO.	REV.	DESCRIPTION	DATE
02/19/19						
CHECK:			PART DESC. (30 CHRS)			
RAC						
APPRD:	 MSH	<b>SP2000 POWER CONTROLLER</b>	PDM PART NUMBER (25 CHRS)			050423
SCALE:						
NONE			FILE NAME			050423