

■ S12E Series

12 Volt Commercial/Industrial Emergency Unit
Sealed Maintenance-Free, Lead-Calcium Battery
UL Listed

The **S12E Series** battery unit is best suited for applications requiring high capacity maintenance-free batteries, multiple remote capabilities or extended operating times. The 12-volt battery allows for longer remote wiring runs.

▣ FEATURES

Reliability

The **S12E Series** has a three-year full warranty (excluding lamps and fuses).

Unit Data

The battery and all components are housed in a heavy-duty steel cabinet, with a removable front access panel for ease of installation and maintenance. The standard cabinet finish will be gray enamel, but "mist-white" is also available (see options). All cabinets come standard with 7/8" conduit knockouts, rear keyhole mounting slots and provisions for mounting up to 3 heads on the cabinet. Mounting brackets and platforms are also available, see accessories.

Lamp

Standard with two ELF645 PAR36 high impact mar-resistant thermoplastic heads. Furnished with two 12 volt 25 watt high intensity incandescent lamps*. Other lighting head styles are also available see options. Do not exceed unit battery capacity.

For optional lamps types and wattages refer to the lamp data chart on page 108-109

Pulse Type Charger

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.

Controls

- Red charger monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

Power Requirements

120/277Vac 60Hz, 0.30/0.15 Amp

▣ Head & Lamp Type Options

| | |
|---|----------|
| No heads | 0 |
| Three heads | 3 |
| Double contact bayonet base, Bi-Pin Halogen, Wedge base, Sealed Beam Lamps | /ELF 645 |
| Bi-Pin Halogen lamps | /ELF 2 |
| MR16 lamps up to 20 watts | /ELF 3 |
| MR16 lamps | /DR1130 |

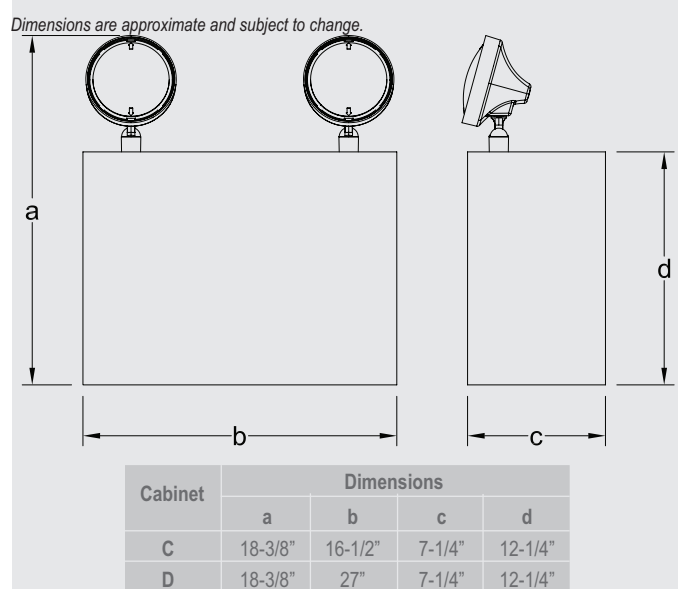
▣ OPTIONS

| (Add Suffix to Model No.) | Suffix |
|--|-------------|
| Voltmeter (Not available with diagnostics) | -V |
| Ammeter (Not available with diagnostics) | -A |
| Lamp Disconnect Switch | -DS** |
| Time Delay (specify 5, 10 or 15 minutes) | -TD ** |
| Improved Diagnostics (audible) | -ID* |
| Improved Diagnostics(non-audible) | -IDNA* |
| 3-Wire Cord & Plug | -3CP*** |
| 3-Wire Cord & Plug (277V) | -3CP-277*** |
| Mist White Color (Replace -G with -M) | -M |

*S12E4, S12E5 and S12E6



▣ DIMENSIONS



▣ UNIT RATING CHART

| Volts | Model No. (Unit/Lamp Suffix) | Watts to 87.5% of rated battery voltage* | | | | Cabinet Size |
|-------|---------------------------------|--|--------|--------|--------|-----------------|
| | | 1 1/2 hrs. | 2 hrs. | 3 hrs. | 4 hrs. | |
| 12 | 2S12E4/L25-G | 200 | 150 | 107 | 85 | C |
| | 2S12E5/L25-G | 300 | 225 | 165 | 127 | D |
| | 2S12E6/L25-G | 400 | 300 | 214 | 170 | D |

*National Electrical Code Specification

** (ID or IDNA) includes a Time Delay function, if needed it can be enabled/disabled in the field or it can be preset at the factory by including the suffix ID-TD_ or IDNA-TD_

***Standard cord is 3 ft. custom lengths available.

▣ ACCESSORIES

(Order as a separate item)

| | |
|--------------------------------|-------|
| Wire Guard (S12E4) | WG3-L |
| Wire Guard (S12E5/S12E6) | WG4-L |

▣ ORDERING FORMAT

| 2 | S12E | 4 | /L25 | -G | -V | -A |
|-----------------|--------|-----------------------|-------------------------|----------------|-----------|---------|
| No. of Heads | Series | Capacity Indicator | Lamp Suffix | Finish | Option | Option |
| | | | 12V 25W Incandescent | Gray Enamel | Voltmeter | Ammeter |