



■ S24N Series

**24 Volt Commercial/Industrial Emergency Unit
Long-Life Wet Refillable Nickel-Cadmium Battery
UL Listed**

The **S24N Series** battery unit is best suited for applications where extended run times are required, and/or remote fixtures or exits will be connected. Unit offers excellent recharging capabilities and superior performance over extended temperature ranges.

▣ FEATURES

Reliability

The **S24N 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 platform is also available, see accessories.

Lamp

Standard **S24N Series** units are furnished with two, Par 36 size, high impact mar-resistant thermoplastic heads with 25-watt high intensity incandescent lamps. The heads are fully adjustable horizontally and vertically. Optional lamps are available.

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, 0.3/0.15 Amp

▣ OPTIONS

| | |
|---|---------------|
| (Add Suffix to Model No.) | Suffix |
| Voltmeter | -V |
| Ammeter | -A |
| Lamp Disconnect Switch | -DS |
| Time Delay (specify 5, 10 or 15 minutes)..... | -TD_ |
| 3-Wire Cord & Plug..... | -3CP* |
| 3-Wire Cord & Plug (277V) | -3CP-277* |

*Standard cord is 3 ft. custom lengths available.

▣ ACCESSORIES

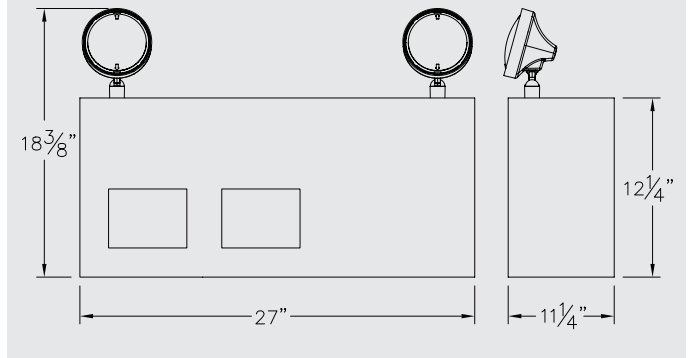
(Order as a separate item)

| | |
|-------------------------|--------------|
| Wire Guard | WG4-L |
| Mounting Platform | MP-12 |



▣ DIMENSIONS

Dimensions are approximate and subject to change.



▣ UNIT SELECTION CHART

| Volts | Model No. (Unit/Lamp Suffix) | Watts to 87.5% of rated battery voltage* | | | |
|-------|---------------------------------|--|--------|--------|--------|
| | | 1 1/2 hrs. | 2 hrs. | 3 hrs. | 4 hrs. |
| 24 | 2S24N4/L28-G | 400 | 300 | 120 | 60 |

*National Electrical Code Specification

▣ ORDERING FORMAT

| | | | | | |
|---------------------|---------------|---------------------------|----------------------|---------------|---------------|
| 2 | S24N | 4 | /L28 | -G | -V |
| No. of Heads | Series | Capacity Indicator | Lamp Suffix | Finish | Option |
| | | | 24V 25W Incandescent | Gray Enamel | Voltmeter |