



Catalog Number	
Notes	Type

## FEATURES AND SPECIFICATIONS

### INTENDED USE

The PS2333 dual-voltage (120V or 277V) emergency LED driver is designed to provide a minimum of 90 minutes of illumination for LED luminaires during the loss of normal AC power. It is UL recognized for factory installation, utilizing 23-watts maximum output power, 33VDC maximum output voltage and an output current of 700 mA.

### CONSTRUCTION

- 20-gauge, black steel enclosure

### PERFORMANCE

When normal AC power fails, the PS2333 immediately drives the LED load at a reduced light output for a minimum of 90 minutes. When AC power is present, the emergency LED driver operates in various charging modes to ensure the sealed, maintenance-free, high-temperature nickel-cadmium batteries are fully recharged within 24 hours after a discharge and remains fully charged until the next loss of AC power. The pilot light/test switch provides visual and manual means of monitoring the system operation.

### ELECTRICAL

- Constant current series resistor-type charger, provides high efficiency and reliable operation.
- High efficiency push-pull inverter is the most effective method of converting power. It provides maximum light output, battery life and reliability.
- AC/LVD reset allows battery connection before AC power is applied and prevents battery damage from deep discharge.
- Dual-volt input capability – 120V or 277V
- Output current – 700 mA
- Maximum Output Voltage – 33 VDC
- Maximum Output Power – 23 watts
- Maximum AC input (120V) – 92 mA, 9.6 Watts
- Maximum AC input (277V) – 41 mA, 10.2 Watts

### BATTERY

- Sealed, maintenance-free, high temperature nickel cadmium battery. Ensures long life over wide temperature ranges. Battery automatically recharges after any discharge.
- External battery connectors allow battery pack to be disabled for maintenance and installation.
- Pilot light and test switch provide visual and manual means of monitoring system operation. Two 1/2" holes are required to permit mounting of pilot light/test switch in fixture housing.

### INSTALLATION

- Mounts concealed within plenum or on top of fixture housing for improved aesthetics and protection from vandalism. Wiring protected by 18" flexible conduit. Remote mounting requires ELA PSDMT accessory kit.
- Emergency Driver may be remote mounted up to 50 feet from fixture, or half the distance recommended by the driver manufacturer, whichever is less.
- Test switch may be remote mounted up to eight feet from fixture. Order ELA RTS2 accessory.

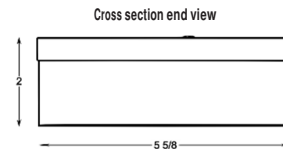
## LED Emergency Battery Pack

# PS2333



### MOUNTING

All dimensions are in inches.



Length: 15-3/8 inches  
Shipping weight: 10.3 lbs. (4.7 kg)

### LISTING

UL Recognized. Meets UL924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards.

### WARRANTY

Five-year warranty.

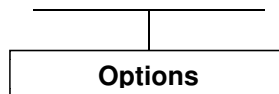
## Ordering Logic

Example: PS2333

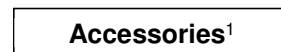
**PS2333**



<b>PS</b>	Power Sentry
<b>23</b>	23W Max Output Wattage
<b>33</b>	33VDC Max Output Voltage



None



Order as separate item.  
 ELA RTS2 Remote test switch; mounts up to 25' away from fixture  
 ELA PSDMT External mounting tray

### NOTES

1. See Accessories specification sheets for details on other compatible devices ELA-RTS-TSPLP-PSTS-PSPRSB and ELA-PSMK-PSMKSD-PSDMT-PSRME



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## SPECIFICATIONS

### BATTERY

Sealed Nickel-Cadmium

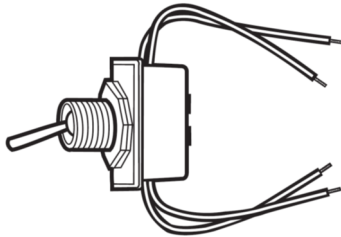
Voltage	Shelf Life	Expected Life <sup>1</sup>	Maintenance	Ambient Temp <sup>2</sup>
14.4V	3 years	7-10 years	None <sup>3</sup>	0-50°C (32-122°F)

#### Notes:

1. Above 77°F Ambient Temp, charge/discharge cycles and prolonged full discharge may reduce useful life.
2. Ambient temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity. Consult factory for detailed information.
3. All life safety equipment, including emergency lighting for path of egress must be tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required testing could jeopardize the safety of occupants and will void all warranties.

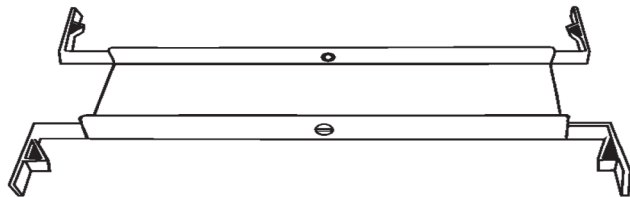
## KEY FEATURES

-Integrated test switch and pilot light

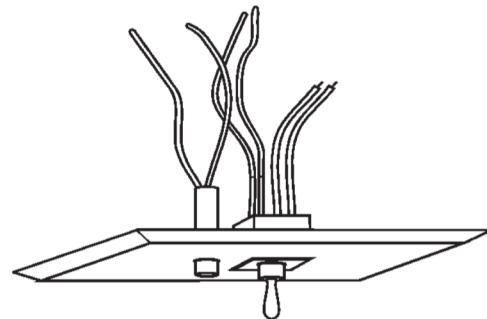


## KEY OPTIONS

- Remote mounting with the ELA PSDMT Accessory Kit
- Remote Test Switch ELA RTS2



ELA PSDMT Accessory Kit



ELA RTS2