



ELS500
REVISION: H
EFFECTIVE: 9/2026

ELS-500[®]

ELEVATOR EMERGENCY LIGHTING SYSTEM

EMERGENCY LIGHTING

PATENTS
PENDING



44BD
ELEVATOR CONTROL,
ELEVATOR ACCESSORY
E329545

ELS-500 by Man-D-Tec[®]

UNIQUE, PATENT PENDING, 120V EMERGENCY LIGHTING SYSTEM, DESIGNED SPECIFICALLY FOR ELEVATOR APPLICATIONS.

The ELS-500 is designed to be tough, and built to last! Converts normal cab lighting of incandescent, halogen, fluorescent or LED to emergency lighting in the event of a normal power failure. This patent-pending UL-listed 120VAC output emergency lighting system **powers your choice of one of the following:**

- * Two (2) incandescent or halogen lamps up to 50 watts each (100 watts total) **OR**
- * Two (2) fluorescent lamps up to 40 watts each (80 watts total) **OR**
- * Two (2) LED lamps up to 40 watts each (80 watts total)

Provides a simple method of meeting code emergency lighting for various lighting designs by using the normal lighting fixtures.

Works with most existing lighting systems and Man-D-Tec systems.

Product Specifications on the back of page.



FOR OPTIONS SEE

ACCESSORIES

For NEMA APPLICATION emergency lighting, see model **"ELS-200-N4™"** along with the **XP LITE-N4™** primary cab lighting and the **MVS®-HAZLOC™** ventilation system.



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For Use With:

TWO (2) INCANDESCENT OR HALOGEN LAMPS (UP TO 50 WATTS EACH, 100 WATTS TOTAL)
TWO (2) FLUORESCENT LAMPS (UP TO 40 WATTS EACH, 80 WATTS TOTAL)
TWO (2) LED LAMPS (UP TO 40 WATTS EACH, 80 WATTS TOTAL)

Power Supply
(ELS-500)

448D
ELEVATOR CONTROL,
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E329545

BOX MATERIAL 16 gauge powder coated steel

DIMENSIONS 13" Overall Length
11" Overall Width
8" Overall Height

CHARGER Automatic Maintains peak battery condition

BATTERY High Capacity, Sealed, 12 volt, Maintenance-Free, Long Life
Exceeds A17.3 code 4-hour runtime requirement for emergency lighting

INPUT Line Voltage (120 VAC)

OUTPUT 120 VAC

CUTOFF CIRCUIT Prevents deep discharge from low voltage

TEST SWITCH Verifies system function

Features

Alarm terminals for 6 VDC & 12 VDC bell (250mA max)

Inverter supplies 120VAC emergency power upon normal power loss

Simple wiring (120 VAC input terminals & 120 VAC output terminals)

Alarm Bell
(Optional)**ESA-1™ (6 VDC) OR ESA-2™ (12 VDC)**

The ELS-500 Emergency Lighting System is provided with alarm terminals. The optional ESA bells are loud gong style bells, providing up to 95 dB(A). Please specify this option when ordering.

For NEMA APPLICATION emergency lighting, see model "ELS-200-N4™" along with the XP LITE-N4™ primary cab lighting and the MVS®-HAZLOC™ ventilation system.



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