

Type: _____

12EDNP Series

48-150W

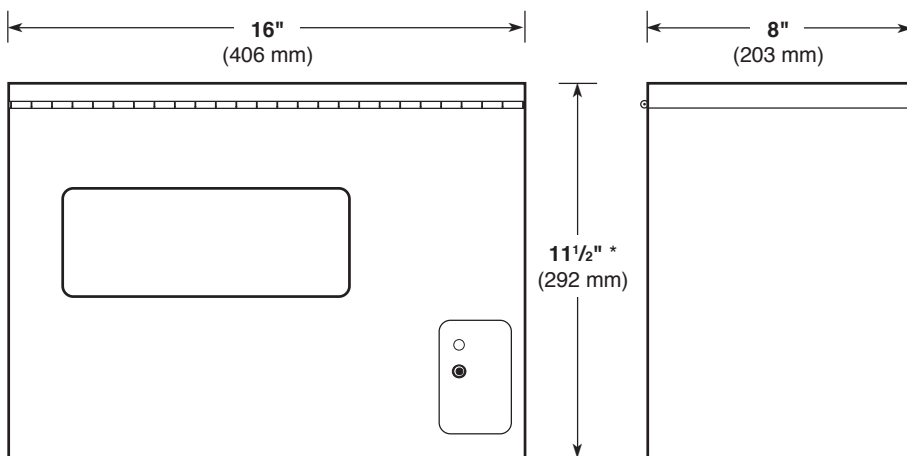
12V Models

Wet Nickel-Cadmium Battery

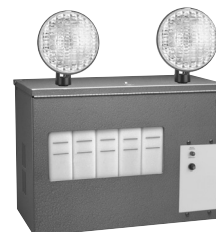
Industrial

Emergency

Lighting Units



* Overall height of fixture with optional lighting heads installed is 18³/₄" (476 mm)



Unit shown with optional lighting heads installed

Note: Batteries are shipped separately from unit.

The 12EDNP series is ideal for industrial applications where ruggedness and reliability are prime concerns. The 12EDNP series can be used in conjunction with optional remote heads to form an integrated

system or as a stand-alone fixture using optional lighting heads. 12 volt operation allows longer wiring runs. All units are standard with dual voltage (120/277V).



Standard Features

- Easy to install
- Universal mounting pattern
- NEMA 1 steel cabinet with dark brown enamel finish
- Wet-cell nickel-cadmium battery models
- 12-volt models
- Supplied standard without lampheads
- Available with up to three optional lampheads
- Matching remote fixtures
- 120/277VAC operation standard
- Fully automatic, solid-state charger
- Low-voltage battery disconnect
- Transformer isolation protection
- Test switch and LED AC-On light
- Optional **CVS** self-testing electronics
- 90 minute operation
- Temperature range: 20°C to 30°C (68°F to 86°F)
- UL924 Listed

Model Numbers

12EDNP-10S (12V, 48W)

12EDNP-18S (12V, 100W)

12EDNP-30S (12V, 150W)

CVS Continuous Verification System ⁽¹⁾

-V Voltmeter

-C Ammeter ⁽¹⁾

-1 Unit supplied with one lamphead

-2 Unit supplied with two lampheads

-3 Unit supplied with three lampheads

-A31 Auxiliary 3-conductor AC line cord (120V)

-A32 Auxiliary 3-conductor AC line cord (277V)

⁽¹⁾ Not available with all models. Consult factory.

Accessories (Order Separately)

WB-6 Wall mounting hanger bracket (all models)

L-12-S Mounting shelf

41G Wire guard

SRHSB Matching remote lighting head - single *

SRHDB Matching remote lighting head - twin *

* Supplied with round mounting plate. Specify voltage and wattage when ordering. Example: **SRHSB**1212. See Emergency Lighting Fixtures data sheet 0601888 for available lamps.



Hubbell Lighting, Inc.

Housing

Constructed of NEMA 1 heavy gauge steel in dark brown enamel finish. Top cover of unit is hinged to provide easy access to battery and electronics. Units are supplied standard without lighting heads. Knockouts are provided in the top cover for mounting up to three lighting heads if required. Knockouts are provided for right side entry of 1/2" or 3/4" surface conduit. Keyhole slots are provided in the cabinet back to allow unit mounting to wall surfaces. A mounting bracket and two shelf styles are available accessories to provide additional support if required.

Load Connections

12EDNP Series models are furnished standard without lighting heads. Fused connections are provided for the connection of remote lighting or other 12VDC loads. Up to three optional PREMP style lamp heads can be mounted on the unit's top cover if required.

Optional Lamp Heads

To order optional lamp heads on the unit, suffix catalog number with appropriate option designator (-1, -2 or -3). Specify lamp voltage and wattage when ordering.

Example: **12EDNP-30S-3-1225**.

See "Remote Fixtures" data sheet (0601888) for available lamps.

Battery

Wet-cell nickel-cadmium batteries are provided with all models. Batteries feature long-life, low maintenance pocket plate construction.

Electronics

A solid-state charger is standard. Charger voltage is regulated to $\pm 1\%$ of nominal system voltage. The charger is current limited and protected against short circuit and reverse polarity conditions. Transfer to emergency operation is completely automatic upon failure of utility AC voltage. A low voltage disconnect circuit prevents deep discharge

damage to the unit battery during prolonged power outages. An AC lock-out prevents battery discharge before the unit is energized with AC power. Full battery recharge occurs in compliance with UL 924 specifications. A universal 120/277VAC, 60Hz input transformer, test switch and long life AC pilot light are all provided standard.

Power Consumption

75 watts (maximum)

Limited Warranty

Description	Warranty In Years		
	Unit Full	Battery	
		Full	Pro-Rata
12EDNP Series	1	1	14
12EDNP Series with CVS option	5	2	13

Batteries must be placed in service or recharged within nine (9) months from factory shipment date. This warranty only applies when the product is used as intended. Any abuse or misuse contrary to normal installation or operation shall void this warranty.

Suggested Specifications

Self contained emergency lighting unit shall be Cornerstone Life Safety Products model _____. The unit shall supply the rated load for a minimum of 1 1/2 hours to not less than 87 1/2% of rated battery voltage. The unit shall be rated 120/277VAC, 60HZ and be listed by Underwriters Laboratories to Standard 924. The emergency power source shall be a fully rechargeable wet-cell nickel-cadmium battery. The housing shall be constructed of heavy gauge steel to NEMA 1 specifications with a hinged top cover and finished in dark brown enamel. Electronics shall include a solid state charger with regulated charge voltage and short circuit protection. A low voltage disconnect and AC lockout will also be included. Units shall be provided standard without lighting heads. The top cover shall provide knockouts for mounting up to three optional lighting heads. Connections for remote loads will be fused.

Product Selector Guide

Base Catalog Numbers	Electrical								
	Enclosure Style	Output Volts	Battery Type	Output Watts				Standard Lamp	Remote Capability
				1.5 Hours	2 Hours	3 Hours	4 Hours		
12EDNP-10S	2	12	Wet NiCad.	48	38	25	20	n/a	Yes
12EDNP-18S	2	12	Wet NiCad.	100	76	54	44	n/a	Yes
12EDNP-30S	2	12	Wet NiCad.	150	115	86	57	n/a	Yes