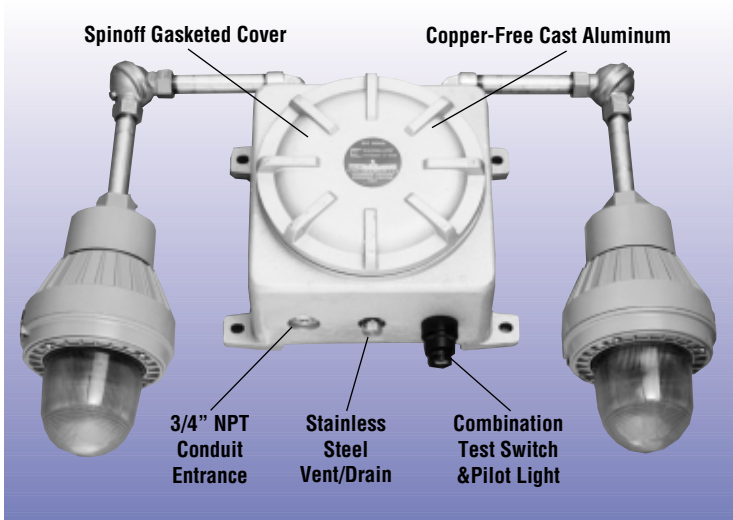


EXC Series 6 and 12 Volt Class I Div. 1 & Class II Div. 1



The **EXC Series** is completely self-contained and weatherproof which provides safe emergency lighting in hazardous area locations. Cast copper-free aluminum housing; gasketed cover spins off for easy access to battery and electronics. A variety of fixtures and exits are available for mounting either directly to the housing or remotely which offers complete job flexibility.

Applications

Meet the requirements of hazardous locations:
 Class I Division 1 (Groups C & D)
 Class II Division 1 (Groups E, F & G)

UL Listed

Enclosures and Fixtures

Sealed Maintenance-Free Batteries

- Nickel Cadmium

Standard Features

Reliability

The EXC Series comes complete with a 3-year full warranty.

Unit Data

EXC Series has corrosion resistant, copper-free cast aluminum construction. A weatherproof gasketed spinoff cover, UL listed stainless steel vent/drain and silicone conformal coating on circuit board to protect electronics against humidity. Unit has capability of mounting up to 3 hazardous area fixtures direct to housing. Optional epoxy finish available for added corrosion protection in harsh environments.

Charger

Charger offers 120/277 volt input 60 Hz.. 0.3 Amp., 36 watt (other inputs available), fused DC output circuit, AC pilot light supervision, temperature compensation, sealed relay, low voltage battery disconnect, brownout protection, lockout (automatic battery connect), current limited, constant current short circuit proof and reverse polarity protection .

Optional Features

Description

Time delay (specify 5, 10 or 15 minutes)TD
 Epoxy finishCEF

Add Suffix

Fixtures

The EXC Series may be supplied with 1, 2 or 3 hazardous fixtures mounted directly on the power unit and or remotely as the application dictates. For remote fixtures, consult hazardous area fixture data sheet.

Lamp Fixtures (EP Series) See page 30: Fully directional U.L. listed copper-free cast aluminum construction, swivel-mounted, pyrex* lens, complete with either 9, 18, or 25 watt HIT lamps (halogen optional). Available with optional guard or reflectors. *Registered trademark of Corning Glass

Exit Fixtures (XP Series) See page 31: Mounted to the power unit, these exits are supplied standard with our unique integral transfer switch (TS), 25 watt type XX lamp, which enables the exit to operate in both the normal AC mode as well as the DC mode, thereby eliminating the need for 2 exit signs. The exit sign consists of an EP fixture coupled with a 18 gauge baked enamel exit shroud with ample downlight. Supplied standard as single face with a red stencil faceplate; optional double face, green stencil, and other legends. (Consult Factory).

Dimensions

Housing: 12" X 12" X 9 1/2". (4) Mounting Lugs: 10" and 13 1/2" on center
 Overall dimensions (including fixtures): 38" X 38" X 10"

Lamp Selection Chart

Lamp Type	Voltage	Watts	Replacement #	Suffix
High Intensity Tungsten (HIT)	6 V	9 W	135	IA
	6 V	18 W	136	IB
	6 V	25 W	137	IC
	12 V	9 W	138	IE
	12 V	18 W	139	IF
	12 V	25 W	140	IG
BI-PIN Halogen	6 V	6 W	784	HA
	6 V	8 W	785	HB
	6 V	10 W	787	HC
	6 V	12 W	786	HD
	12 V	8 W	774	HF
	12 V	12 W	783	HG
Medium Screw Base Exit Lamp	6 V	17 W	17R20	XX6
	12 V	25 W	25A-12	XX12

Unit Rating Chart

UNIT EQUIPMENT - WITH REMOTE CAPABILITY						
Sealed Maintenance-Free Battery Types	D.C. Voltage	Model Number	*Watts to 87 1/2% of rated battery voltage			
			1 1/2 hrs.	2 hrs.	4 hrs.	8 hrs.
Nickel Cadmium	6	EXC18	18	12	-	-
	6	EXC25	25	18	9	-
	6	EXC36	36	21	12	6
	6	EXC50	50	36	18	10
	12	12EXC36	36	21	12	6
	12	12EXC50	50	36	18	10
	12	12EXC72	72	42	24	12

*National Electrical Code Specification

How To Order

The EXC Series is available with a wide variety of fixtures, mountings, voltages, etc. To make your selection easier, we have listed the standard configurations in the chart below. When ordering exit fixtures, additional to the basic catalog number, you must specify single or double face and color of faceplate. Insert these suffix letters at the end of model number.

(example)


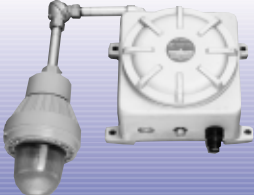
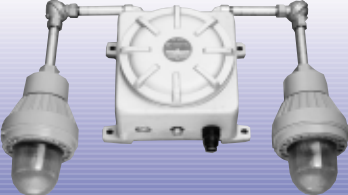

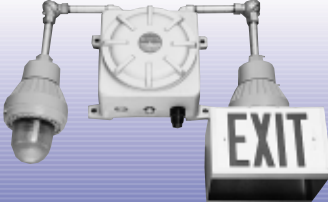
For EXC units without exit fixture
 order Series, Watts, Heads and Lamp
12DC - EXC - 72 - 2EP - (IE) - *TS-1XP - **S - *R - TD**

Exits are added to units by listing Exits, Face and Color

Voltage	Series	Watts	# of Heads	Lamp	# of Exits	Face	FacePlate	Option
Blank=6VDC 12=12VDC		for 90 min.	on unit	Type	on unit		Color	Time delay

**TS option is required to operate exit signs in a normally "ON" state.
 **S=Single Face D=Double Face
 ***R= Red Faceplate G=Green Faceplate*

Standard Configurations For EXC Series

Fixture Types/Models	Catalog Number	Description
	12EXC36 12EXC50 12EXC72	12 volt self-contained hazardous area emergency lighting power unit complete with battery and charger. For remote fixture applications, 12 volt equipment is suggested since longer wire runs/loads can be achieved. Consult fixture selection, located on the next two pages, for appropriate fixtures.
	EXC18-1EP(IB) EXC25-1EP(IC)	6 volt self-contained hazardous area emergency lighting power unit complete with battery and charger Single head unit with 18 watt (HIT) lamp Single head unit with 25 watt (HIT) lamp
	EXC18-2EP(IA) EXC25-2EP(HC) EXC36-2EP(IB) EXC50-2EP(IC)	6 volt self-contained hazardous area emergency lighting power unit complete with battery and charger Double Head unit with each fixture supplied with one 9 watt (HIT) lamp Double Head unit with each fixture supplied with one 10 watt Halogen lamp Double Head unit with each fixture supplied with one 9watt (HIT) lamp Double Head unit with each fixture supplied with one 9watt (HIT) lamp
	EXC25-TS-1XP-S-R	Self-contained unit with integral low voltage transfer panel (TS) to operate the 25 watt exit lamp in both normal and emergency modes. Suggested catalog number shown indicates single face exit with red stencil faceplate. For green, substitute G for R. For double face, substitute D for S. Special colors and faceplates legends available contact factory.
	EXC36-1EP(IA)-TS-1XP-S-R EXC50-1EP(IA)-TS-1XP-S-R	In addition to the 25 watt exit which operates in both normal and emergency modes, greater emergency lighting can be achieved with 1 additional emergency lighting head. (Examples: IA= 9 watts, IC= 25 watts)

Note: Above units are supplied with appropriate wattage (HIT) High Intensity Tungsten lamps (unless otherwise specified). Alternate wattages lamps or halogen lamps may be substituted as required. Exit provided with 25 watt lamps only.