

## EHZXC

HAZARDOUS | NEMA 4X | VANDAL RESISTANT | BAA

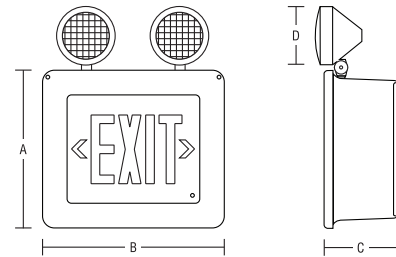


### Specifications: Internal

The EHZXC COMBO has a standard 120/277V input. The solid state, high efficiency dual rate charger provides precise float voltage control and incorporates a low voltage disconnect for optimum protection. High performance red or green LEDs properly illuminate the face. Fuse protection is standard.

### Specifications: External

The durable NEMA 4X fiberglass enclosure is corrosion and vandal resistant. The housing is fully gasketed and is supplied standard in an Industrial gray finish. The EHZXC COMBO can be surface mounted on a wall. Magnetic test switch and LED status indicator are standard.



Series	A	B	C	D
EHZXC	13.5"	15.5"	6.25"	5.25"
	343mm	394mm	159mm	140mm

### Ordering Logic

Series	Operation	Pb-A (Capacity)	Ni-Cd <sup>1</sup> (Capacity)	LED	Face No.	Chevrons	Mounting	Heads <sup>2</sup>	Lamps	Options
EHZXC	6 (6V)	36 (6V, 12V)	42 (6V, 12 V)	LR (red)	1 (single)	U (universal)	W (wall)	4LRWP	See lamps	AT (autotest)
	12 (12V)	60 (6V, 12V)	54 (6V)	LG (green)				3LRWP	selection on	NC <sup>3</sup> (nickel-cadmium battery)
		72 (6V)	90 (6V, 12 V)					2LRWP	next page	TD <sup>4</sup> (time delay- specify 5, 10, 20 mins)
		100 (6V)	130 (12V)					1LRWP		TP (tamper proof screws)
		120 (6V, 12V)						0 (no heads)		AM (ammeter)
		140 (12V)								VM (voltmeter)
										SW (special wording- specify)
										FAI <sup>5</sup> (fire alarm interface)
										SMH (side mount heads)
										TC (teflon coating)
										WG (wireguard)

NOTE 1: Nickel-cadmium. Must select NC from options when selecting Ni-Cd.  
 NOTE 2: Only PAR-36 heads available  
 NOTE 3: NC (select wattage/voltage from Ni-Cd column).

NOTE 4: Must specify at time of order, 10 min standard.  
 NOTE 5: Specify type- open/closed dry contact.

EXAMPLE: EHZXC636LG1UW2LRWP8WH-VM  
 DESCRIPTION: EHZXC, 6V 36W, green LED, single face with universal chevrons, wall mount, two 8W halogen lamps, voltmeter

**Emergency Heads:**

The EHZEXC COMBO comes standard with two (2) top-mounted, weatherproof PAR36 style emergency heads. These heads are constructed using high-impact thermoplastic material and finished in a neutral gray color. The design of the emergency heads features a locking collar that securely holds the lens in place, allowing for easy and quick re-lamping.

**Specifications: Electrical**

**BATTERY:** The EXIT is equipped with high-output, high-efficiency red or green LEDs that consume less than 2W of power. It operates with a 120/277V input and includes a magnetic test switch and monitor LED. The EHZEXC COMBO is designed with maintenance-free sealed lead-acid batteries, providing a minimum emergency duration of 90 minutes. Optional nickel-cadmium batteries are also available. The batteries require a recharge time of forty-eight (48) hours. The operating temperature range is from 10°C up to 40°C.

**CIRCUIT:** The COMBO utilizes a high-efficiency two-stage charger that provides precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also features brownout and short circuit protection. The charger's status can be easily determined through a dual diagnostic LED display, indicating AC/ON and High Charge. A magnetic test switch is included, allowing maintenance personnel to quickly assess the operational status of the unit and lamp load (magnet included).

**Specifications: Mechanical**

The EHZEXC COMBO series housing is constructed from durable and corrosion-resistant fiberglass. The NEMA 4X housing is fully gasketed, making it suitable for harsh and hazardous locations. The front access panel/door is hinged for trouble-free installation and maintenance. The EHZEXC COMBO includes a stainless steel breather valve for efficient ventilation. Remote lamp loads are connected to the emergency power supply using sturdy terminal connectors, allowing for the use of large gauge wires and increasing installation flexibility.

The EHZEXC has been designed to perform in environments where standard units would face challenges. The entire internal cavity of the sign is protected from moisture ingress by a highly resilient gasket. The gasket maintains its original form and has "memory retention," ensuring consistent and effective moisture protection for the EHZEXC.

**Hazardous Approvals:**

The EHZEXC series has received approvals for use in hazardous environments. It is approved for Class 1, Division 2, Groups A, B, C, and D: T2B area classification. Additionally, the EHZEXC is suitable for Class I, Zone 2, IIA, IIB, and IIC: T1 and T2 area classification. These approvals ensure that the EHZEXC can be safely used in locations with potentially flammable or explosive atmospheres.

**Autotest:**

The EHZEXC COMBO includes an Autotest feature that automates testing procedures to ensure its proper functionality. The Autotest feature performs a 5-minute discharge test on a monthly basis. Every 6 months, two 90-minute discharge tests are conducted, with a 24-hour interval between them. These tests assess both the battery capacity and recharge capability of the EHZEXC COMBO. The Autotest feature helps monitor the status and performance of the emergency lighting system, providing reassurance of its readiness in case of emergencies.

**Lamp Selection: (ONLY PAR36 STYLE HEADS AVAILABLE)**

	6V	12V
Composite Tungsten Sealed Beam LED (LEDSB)	9, 18W	9, 18W
	N/A	6W

**Model Rating Guide**

Model	Voltage	Wattage			
		90min	120min	180min	240min
EHZEXC-6-36	6	36	27	18	13
EHZEXC-6-42	6	42	31	21	15
EHZEXC-6-54	6	54	40	27	20
EHZEXC-6-60	6	60	45	30	22
EHZEXC-6-72	6	72	54	36	27
EHZEXC-6-90	6	90	67	45	33
EHZEXC-6-100	6	100	75	50	25
EHZEXC-6-120	6	120	90	60	45
EHZEXC-12-36	12	36	27	18	13
EHZEXC-12-42	12	42	31	21	15
EHZEXC-12-60	12	60	45	30	22
EHZEXC-12-90	12	90	67	45	33
EHZEXC-12-120	12	120	90	60	45
EHZEXC-12-130	12	130	97	65	48
EHZEXC-12-140	12	140	105	70	52

**Warranty**

The EHZEXC COMBO comes with a 3-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.