

125W - 400W Steel
■ Industrial Emergency

PRODUCT OVERVIEW

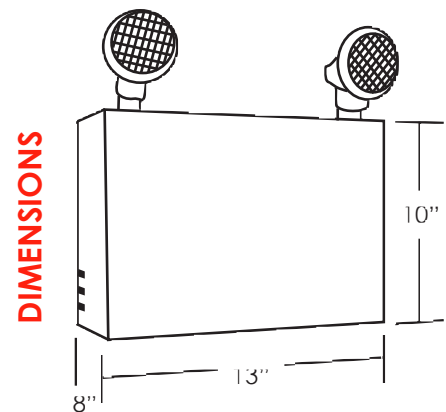
The HWE Series of emergency lighting units are a family of specification grade 6, 12 and 24 volt battery units designed with the PulseGuard pulse switching charger. The PulseGuard offers superior performance and energy efficiency versus conventional constant voltage chargers. Traditional top mounted (LR) Par36 style heads are standard, (SR) Par18 style small heads are optional.

EXTERNAL SPECIFICATIONS

The HWE Series is constructed with a 20 gauge steel cabinet. Magnum terminal connectors allow for larger gauge wires to be connected for remote loads. White finish is standard (other colors optional). Emergency lighting heads are molded from high impact thermoplastic in a matching color; (LR) Par36 style heads are standard, (SR) Par18 style heads are optional. Universal mounting pattern and key hole slots are stamped on the back and conduit knockouts on the sides of each unit.

LAMP SELECTION

- 6V TUNGSTEN: standard: 9w,
(H) halogen: 8w, 10w, 12w, 20w
- 6V SEALED BEAM:(SB) standard: 9w, 12w, 18w
(SBH) halogen: 12w, 20w
- 12V TUNGSTEN: standard: 9w, 18w
(H) halogen: 8w, 12w, 20w,
*35w, *55w (*LR only)
- 12V SEALED BEAM:(SB) standard: 12w, 18w
(SBH) halogen: 8w
- 24V TUNGSTEN: standard: 9w, 12w, *24w (*LR only)
(H) halogen: *20w, *70w (*LR only)



*Wattage: 125W-400W

ORDERING INFORMATION

DESCRIPTION: HWI emergency luminaire, emergency only, 120/277, 12v, 300w, 35w halogen lamp, 2xpar36, time delay 277V.

Series	Operation	Capacity	Heads	Lamp Type	Options
HWE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<ul style="list-style-type: none"> • 6 (volt DC) • 12 (volt DC) • 24 (volt DC) 	<ul style="list-style-type: none"> • 125 (6v, 12v) • 150 (6v, 12v) • 200 (6v, 12v, 24v) • 300 (6v, 12v, 24v) • 400 (12v) 	<ul style="list-style-type: none"> • 2SR (double Par18) • 2LR (double Par36) • 0 (no heads) 	<ul style="list-style-type: none"> • See Lamp guide above 	<ul style="list-style-type: none"> • AT (auto-test diagnostics) • VM (voltmeter) • AM (ammeter) • TD (time delay - specify volt) • TP (tamper proof screws) • CC (custom color - specify) • MH (metal heads Par36) • CS (cord set)

EXAMPLE: HWI -12-300-2LR-35w(H)-TD(277v)



HWE

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MECHANICAL SPECIFICATIONS

The HWE is constructed from a solid and durable 20 gauge steel housing. The universal mounting pattern stamped into the back of the unit allows for direct mounting to various conduit boxes. Key hole slots and stamped conduit knockouts are supplied standard on all HWI units, providing the widest range of options for AC power source connection. Remote lamp loads are connected to the emergency power supply with sturdy magnum terminal connectors. These connectors allow for a large gauge of wire to be used increasing the flexibility of installation. The HWI is supplied standard in a durable white powder coat, baked finish. Other colors are available, including custom color matching, please specify.

CHARGER SPECIFICATIONS

The HWE series utilizes a pulse switching charger that is up to 70% more efficient than traditional constant voltage chargers. The charger is a fully automatic current limited charger with solid state line-latched low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

LAMP HEAD FEATURES

The HWE series is normally supplied with two (2) top mounted (LR) Par36 style 9w heads. Lamp heads can be mounted either on the top or on the sides of the unit allowing for up to five (5) heads to be mounted (3 top, 2 sides). Both (LR) Par36 and (SR) Par18 lamp head styles are constructed of high impact thermoplastic in a color matching the finish of the cabinet (white is standard). Both head types feature a unique locking twist collar that securely holds the lens and facilitates quick and easy relamping.

INSTALLATION

The HWE Series is suitable for surface-, wall- or ceiling- and pendant- mounting. Suitable for indoor installation on normally inflammable surfaces. 120/277VAC.

BATTERY TECHNOLOGY

The HWI series is designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 90 minutes (for the listed rating). Recharge time of the battery is twenty-four (24) hours. The maximum working temperature is 50 C.

MODEL RATING GUIDE

Model	Voltage	Wattage				Cabinet
		90	120	180	240	
HWI-6-125	6	125	100	72	54	A
HWI-6-150	6	150	125	100	72	A
HWI-6-200	6	200	150	125	100	A
HWI-12-125	12	125	100	72	54	A
HWI-12-150	12	150	125	100	72	A
HWI-12-200	12	200	150	125	100	A
HWI-12-300	12	300	200	150	125	A
HWI-12-400	12	400	300	200	150	A
HWI-24-200	24	200	150	125	100	A
HWI-24-300	24	300	200	150	125	A

AUTOMATIC TESTING (AT)

The HWI auto-test feature automatically monitors the functional operation of the unit. Auto-test monitors the operation of the lamps, battery and circuitry and displays any alerts. Periodic emergency tests, up to ninety (90) minutes duration are simulated to ensure proper operation during an actual power failure. Operating status is visually indicated by multifunction LED indication.

CODE & STANDARDS COMPLIANCE

Certified by ETL or CSA to UL924

