

# SEEMWLHW

NEMA 4X | WET BAA

## SPECIFICATIONS: INTERNAL

The SEEMWLHW is configured with 120/277VAC input with solid state charging circuitry. Standard features include low voltage disconnect, AC lockout and brownout protection.

## SPECIFICATIONS: EXTERNAL

The unit is constructed with a durable NEMA 4X rated PVC cabinet. Industrial gray finish is standard. Emergency lighting heads are molded from high impact thermoplastic, (LR) PAR36 style heads are standard. Integrated mounting feet ensure proper and secure installation. The front access panel is hinged to allow for trouble free installation and maintenance. External test switch and monitor LED are standard.

## SPECIFICATIONS: ELECTRICAL

**BATTERY:** The SEEMWLHW 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 less than 48hours. The maximum working temperature is 45° C. The minimum working temperature is 10°C. Nickel cadmium batteries are available as an option.

**CIRCUIT:** Utilizes a pulse switching charger that is up to 70% more efficient than older 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.

## EMERGENCY HEADS

The SEEMWLHW is normally supplied with two (2) top mounted (LR) PAR36 style 9w heads. Lamp head styles are constructed of high impact thermoplastic. Please note: (LR) PAR36 style food-prep approved lenses are also available when ordering.

## SPECIFICATIONS: MECHANICAL

The SEEMWLHW is constructed from a durable, fully gasketed NEMA 4X rated PVC housing. The front access panel is hinged for trouble-free installation and maintenance. Four integrated mounting feet ensure proper, secure and accurate wall or ceiling installation on to most surfaces. The SEEMWLHW is supplied standard in an industrial gray PVC finish. External test switch and monitor LED standard.

## ORDERING INFORMATION

| MODEL    | OPERATION | Pb-A (Capacity)   | Ni-Cd <sup>3</sup> (Capacity)                      | Emergency Heads  | Lamps                  | OPTIONS   |
|----------|-----------|---|--|--|------------------------|---|
| SEEMWLHW |           |   |  |  |                        |   |
| SEEMWLHW | 6V<br>12V | 27 (6V)<br>36 (16V, 12V)<br>60 (16V, 12V)<br>72 (6V)<br>100 (6V)<br>120 (6V, 12V) | 22 (6V)<br>42 (6V, 12V)<br>54 (6V)<br>90 (6V, 12V) | 0 (no heads)<br>2LR (double PAR36)<br>1LR (single PAR36) | See Chart on Next Page | AT (autotest)<br>NC[2] (nickel-cadmium battery)<br>TD (time delay- 0, 5, 10, 20 mins.)<br>VM (voltmeter)<br>IH (internal heater)<br>TC (teflon coating) |

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■ The HDT series of industrial emergency lighting units are designed to be durable, dependable and easy to install.

**Housing:** The fully gasketed NEMA 4X rated PVC housing can be used in most damp, wet and hose down areas.



Traditional top mounted (LR) PAR36 style heads are standard.

Bottom hinge for easy installation and convenient maintenance.

NOTE: 3 year warranty standard, see details on next page.



## AUTOTEST

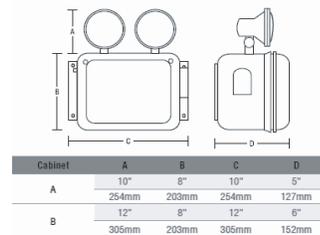
The Autotest feature automatically monitors the functional operation of the unit. Autotest monitors the operation of the lamps, battery and circuitry and displays any alerts. Periodic emergency tests, up to ninety (90) minutes duration are simulated to ensure proper operation during an actual power failure.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

- Red: Battery or Circuit Malfunction
- Yellow: Lamp Malfunctioning
- Green: Normal Operation

## WARRANTY

The SEEMWLHW comes with a 5-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

## DIMENSIONS



Sample Part Number: SEEMWLHW-SA-LR1-CCR

**Job Name:** \_\_\_\_\_

**Type:** \_\_\_\_\_

**Part #:** \_\_\_\_\_

**Notes:** \_\_\_\_\_

■ **lamp selection**

|                              | 6V                               | 12V                                |
|------------------------------|----------------------------------|------------------------------------|
| Incandescent                 | 9, 12, 25W<br>(18W - PAR36 Only) | 9, 12, 18W<br>(25W - PAR36 Only)   |
| Halogen (H)                  | 8, 10, 12, 20W                   | 8, 12, 20, 35W<br>55W (PAR36 only) |
| Sealed Beam<br>Tungsten (SB) | 9, 12, 18,<br>25, 30W            | 12, 18, 25,<br>30, 35, 50W         |
| Sealed Beam<br>Halogen (HSB) | 8, 12, 20W                       | 8, 12, 30W                         |

■ **model rating guide**

| Model           | Voltage | Wattage |        |        |        |
|-----------------|---------|---------|--------|--------|--------|
|                 |         | 90min   | 120min | 180min | 240min |
| SEEMWLHW-6-22   | 6       | 22      | 17     | 11     | 9      |
| SEEMWLHW-6-27   | 6       | 27      | 20     | 13     | 10     |
| SEEMWLHW-6-36   | 6       | 36      | 27     | 18     | 14     |
| SEEMWLHW-6-42   | 6       | 42      | 31     | 21     | 15     |
| SEEMWLHW-6-54   | 6       | 54      | 41     | 27     | 20     |
| SEEMWLHW-6-60   | 6       | 60      | 45     | 30     | 22     |
| SEEMWLHW-6-72   | 6       | 72      | 54     | 36     | 27     |
| SEEMWLHW-6-90   | 6       | 90      | 67     | 45     | 33     |
| SEEMWLHW-6-100  | 6       | 100     | 75     | 50     | 38     |
| SEEMWLHW-6-120  | 6       | 120     | 90     | 60     | 45     |
| SEEMWLHW-12-36  | 12      | 36      | 27     | 18     | 13     |
| SEEMWLHW-12-42  | 12      | 42      | 31     | 21     | 15     |
| SEEMWLHW-12-60  | 12      | 60      | 45     | 30     | 22     |
| SEEMWLHW-12-90  | 12      | 90      | 67     | 45     | 33     |
| SEEMWLHW-12-120 | 12      | 120     | 90     | 60     | 45     |

NOTE: Cabinet size may change based on configurations.