

**PowerCell-72W****Description**

This emergency light is constructed with steel housing and lightweight thermal plastic head in matching color. It is presented a simple and modern design with high efficiency LED remote heads. Universal mounting pattern and keyhole slots are stamped on the back and conduit knockouts on the sides of each unit.

**Electrical parament****Model:** 12V-72W

Input Current:0.1A

Efficiency: 0. 85PF

Input Wattage:14W

Input Current:0.045A

Efficiency: 0. 83PF

Working voltage:AC120V/AV347V 50/60Hz

Recharge time: 24 Hours

Output Wattage:2W*2PCS ;Max:72W

Output Voltage:12V DC

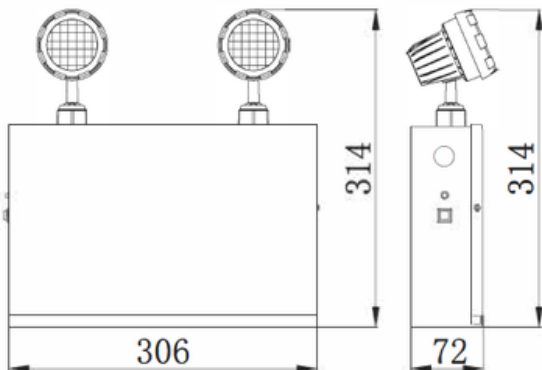
Color temperature: 6000K -6500K

Light Source: Ultra bright LED

Emergency duration: > 30 minutes (72W)

Lead-Acid Battery 12V /7 AH

Material: Steel housing , thermal plastic



**PowerCell-72W****ATTENTION****Safety Instructions**

Unit is intended for indoor use only. Read and follow all safety instructions prior to installation. Do not install near heat sources or allow power cords to contact hot surfaces. Use caution when handling batteries. Equipment must be mounted in locations that prevent unauthorized access. Use of accessories or replacement parts not recommended by the manufacturer may result in unsafe conditions and will void the warranty. Servicing shall be performed by qualified service personnel only.

Installation

Extend an un-switched 30-hour AC supply of rated voltage to a junction box installed in accordance with all applicable electrical codes and standards (junction box by others). Leave a minimum of 200 mm (8 in.) of conductor length. Unit shall be securely mounted using provided mounting features. Wiring connections shall be made as follows: Black – Line, White – Neutral, Green – Ground. All unused conductors shall be insulated. Install and connect batteries as required. Restore AC power after installation is complete.

Operation

Unit is equipped with a momentary TEST switch. When activated, DC lamps illuminate and charge indicator extinguishes. Upon release, lamps turn off and the charge indicator illuminates. Charge indicator may cycle during normal standby operation to maintain optimal battery condition.

Maintenance

Unit shall be tested in accordance with local electrical code requirements, minimum 30 seconds every 30 days and annually for full rated duration. Written records shall be maintained. Batteries shall be replaced when the unit fails to operate as intended. Clean lenses periodically to ensure maximum light output.

Troubleshooting

Failure of lamps to illuminate may indicate loss of unswitched AC power, disconnected or discharged battery, or incorrect battery polarity. Allow up to 30 hours for battery recharge before retesting.

EMERGENCY LAMPS COME ON DIM WHEN AC POWER IS ON

Check supply voltage and AC connections. This emergency light is provided with brownout protection. The AC supply must be at least 80% of nominal (120V or a 34 7V line) for equipment to function normally. At lower voltages the emergency lamps will begin to glow dimly until the source voltage drops below the full turn-on point. **NOTE:** This condition may also be caused by incorrectly connecting a 120 Volt supply line to the 34 7-Volt transformer lead.

NOTHING HAPPENS WHEN THE UNIT IS ENERGIZED

Some models have a standard time delay built into the design of the charger board. Please allow 15 minutes with AC current connected. At this point the LED AC-ON and CHARGE lights should illuminate.



PowerCell-72W

Fig.1

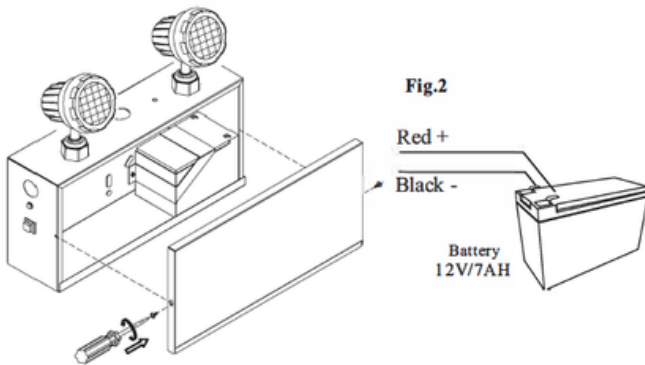


Fig.2

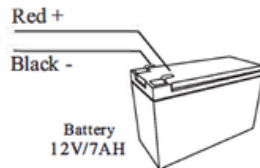


Fig.3

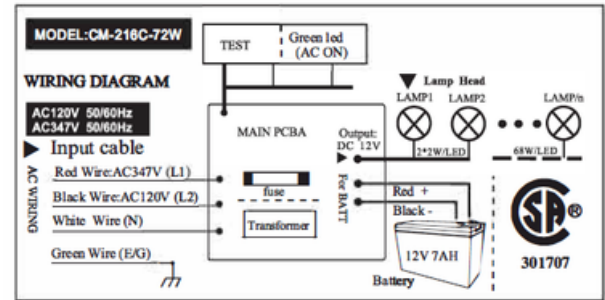


Fig.4.1

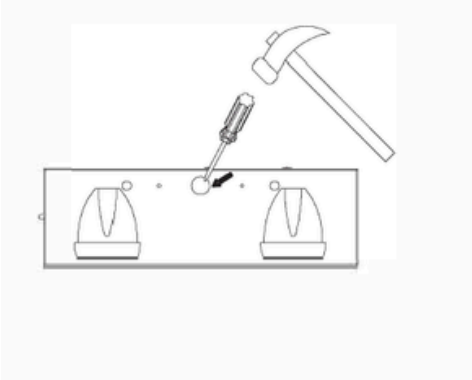


Fig.4.2

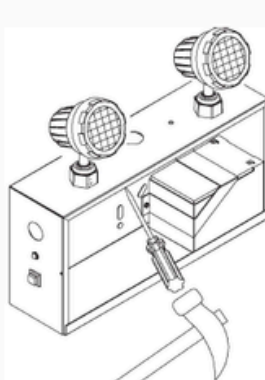
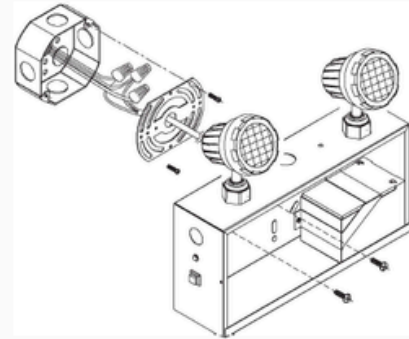


Fig.4.3



Wall Mount

Fig.5

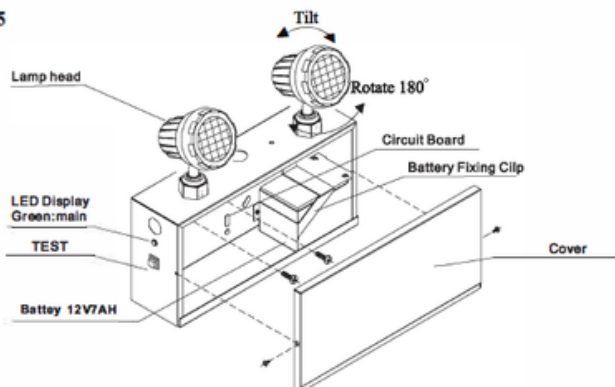


Fig.6

