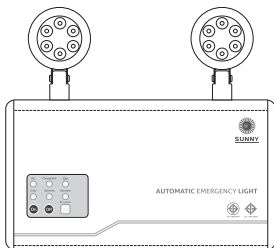


USER MANUAL



Self-Contained Emergency Light | CU Series



- LED AC: indicate that the unit is receiving power.
- LED Charge/Full: gives information on battery charging.
- LED On: indicate the unit is ready for operation.
- LED 5 sec: indicate the unit is performing a 5 second test.
- LED 30 mins: indicate the unit is performing a 30-minute test.
- LED 60 mins: indicate the unit is performing a 60-minute test.
- Switch On: press to turn on the lamp (while the unit is not plugged in).
- Switch Off: press to turn off the lamp (while the unit is not plugged in).
- IR receiver: infrared signal sensor used to receive signal from the infrared remote.



Status Indicators and Testing Buttons

Remote Testing

Features

1. Controlled by a highly intelligent 8-bit micro controller.
2. Automatically self-test every 30 days and discharges the battery for 30 minutes to help extend the life of the battery.
3. Testing can be activated remotely using the infrared remote.
4. Using high quality LEDs with a lifetime of over 50,000 hours, providing bright and constant illumination throughout its operation.
5. The unit's outer case is made from ABS UL94 V-0 Flame Retardant plastic that is highly resistant to impact and corrosion.
6. The battery monitoring circuit will give an audible warning when the battery's charge is about to be depleted, giving the user time to recharge it before draining completely. This will help to extend the life of the battery.

Installation and Operation

1. The unit can be installed on leveled ground or hung up.
2. Install properly and securely to prevent accidents that could cause damage to the unit or other people and property.
3. Plug the unit into a power socket with a 220-240VAC power supply. The machine will work automatically.
4. The LED AC will turn on indicating that the unit is receiving power. The LED Charge/Full will be on when the battery is charging and will turn off when the battery is fully charged.
5. When the unit is operational, tests can be performed using the Test button on the unit or remotely using the remote with the following options.
 - Press the 5 sec button to perform a 5 second test, after which the unit will return to normal operation.
 - Press the 30 mins button to perform a 30-minute test, after which the unit will return to normal operation.
 - Press the 60 mins button to perform a 60-minute test, after which the unit will return to normal operation.
 - To cancel the test, press the OFF button.
6. An audible warning will sound from the battery checker in the following scenarios.
 - The unit has been stored for a long time causing the battery's charge to fall extremely low.
 - The emergency light has drained the battery until it is almost completely exhausted.

Important Note on Using the Unit

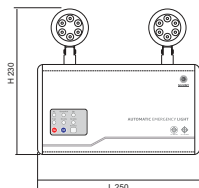
1. When the unit is not in use always turn it off by pressing the "OFF" switch.
2. The unit should be installed indoors away from direct sunlight and rain or moisture.
3. The unit should be stored in temperatures under 25 Degree Celsius and the battery should be charged every 3 months to maintain its operational life.
4. If there is an audible warning from the battery checker, charge the unit until the warning stops. It could take between 10-15 hours to fully charge the battery.

Initial Trouble Shooting

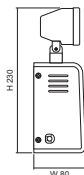
| Problem | Cause | What to do |
|---|---|---|
| - Power not getting to the unit after plugging in. The LED AC light does not turn on. | - The power socket might not have any power. - The plug or socket is loose. - The AC fuse is blown. | - Check the 220-240VAC power supply. - Check the plug and socket. - Contact customer service. |
| - Emergency light does not turn on after the power went out. | - The unit is not plugged in. - The lamp is faulty. - The circuit's wiring is loose. - The DC fuse is blown. | - Check that the unit is plugged in. - Contact customer service. - Contact customer service. - Contact customer service. |
| - Emergency light only turns on for a short time after the power went out. | - The battery is not fully charged. - The battery has degraded. | - Fully charge the battery. - Contact customer service to replace the battery |
| - Constant audible warning can be heard from the unit. | - The battery checker is warning that the battery's charge has fallen below the minimum level. | - Plug the unit in to charge the battery for about 10-15 hours. |

Dimension (mm)

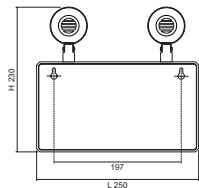
FRONT VIEW



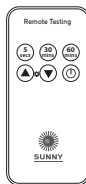
SIDE VIEW



BACK VIEW



How to use the remote



- Perform a 5 second test.
- Perform a 30 minute test.
- Perform a 60 minute test.
- Increase the lamp's brightness (only available with the HZ lamp type)
- Decrease the lamp's brightness (only available with the HZ lamp type)
- Turn on/off the emergency lamp or cancel any test in progress.

Terms for Warranty and Service

1. The Warranty will only be covered if the customer fills in the "warranty registration form" and mail the return part back to the company within 7 days from the day of purchase. If this is not carried out the warranty will be considered void.
2. The warranty only covers the unit's internal parts. The conditions and durations for the warranty of each part is as specified and the duration of the warranty is calculated from the date of purchase.
3. Please show your warranty card every time you contact our service center or the dealer you purchased the product from.
4. Products that fall into the following category are considered not covered by the warranty.
 - The product was used in a way not specified in the manual.
 - The product was used with accessories not meeting the required specifications specified in the manual.
 - The product seems to have been damaged from being dropped or from strong impact, for example, the parts are loose, dented, scrapped or misshapen.
 - The product has been repaired or modified by personnel not authorized by our company.
 - The Warranty Void sticker is torn or removed.
 - The product is damaged from careless use or incorrect maintenance, for example, the battery is swollen from overcharging, quick charging was used on the battery, the battery terminals have been short-circuited, the unit was used until the battery was completely discharged and not recharged immediately, the product was stored for long periods until the Battery Checker warning activates and still it is not plugged-in to charge or taking the battery to normal temperature conditions and not recharging it every 1 month.
 - The product was stored in an unsuitable environment, for example, a location with moisture or water vapor.
 - The product was supplied with a faulty AC power supply such as electrical overvoltage, electrical current surges, or lightning strikes entering the AC power line.
 - Damages from natural causes such as fire, being summered in fluids, humidity, chemicals or force majeure.
 - Damages from insects or animals.

Note : Please read the manual carefully before installation and operation to understand how to properly operate the unit.

For any further questions about your product please feel free to contact SUNNY's customer service department.

Tel. (+66) 02-948-4450-2

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