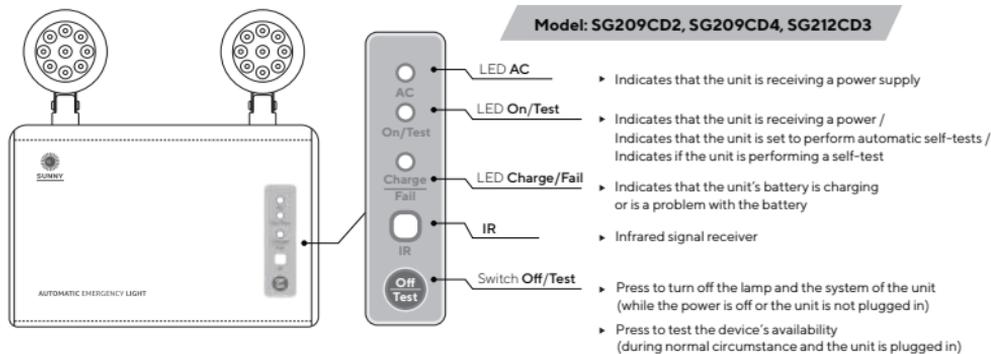


# USER MANUAL



## Self-Contained Emergency Light | SG Series



### Status Indicators and Testing Buttons

## Installation and Operation

- The unit can be installed on leveled ground or hung up.
- Install properly and securely to prevent accidents that could cause damage to the unit or other people and property.
- Plug the unit into a power socket with a 230VAC power supply. The emergency lamp will remain on for about 2 seconds before turning off, Notice the LED will show the status as follows.
  - The LED "AC" will turn on indicating that the unit is receiving power.
  - LED "On/Test" lit or flashing slowly indicates the status of the unit ready to use.
  - The LED "Charge" will be on when the battery is charging.
  - The LED "Charge" will be off when the battery is fully charged.
- When the unit is operational, tests can be performed.
  - Pressing the "Off/Test" switch the emergency lamp will remain on for about 5 seconds before turning off.
  - Unplug the unit from the 230VAC socket and the emergency light should turn on automatically and plugging the unit back in should cause the emergency lamp will remain on for about 5 seconds.
- During power outages the emergency light should automatically turn on and will turn off automatically and start charging the battery once power is restored.

**Caution:** Please always read the manual prior to installation and operation.

## Important Note on Using the Unit

1. The emergency lighting unit should be installed indoors, out of direct sunlight and humidity. It should not be installed in environment with temperatures higher than 40 degrees Celsius.
2. 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.
3. Please always read the manual carefully prior to operating the unit for the safest and most effective use of the product.

## Indicators

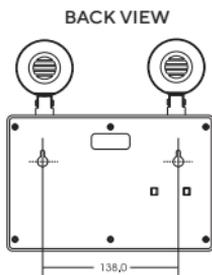
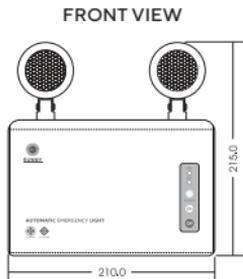
Indication Lights	Display	Meaning
<b>AC</b> 	<ul style="list-style-type: none"><li>- A continuous orange light</li><li>- The orange light turns off</li></ul>	<ul style="list-style-type: none"><li>- The unit is receiving a normal AC power supply.</li><li>- The unit is not receiving an AC power supply.</li></ul>
<b>On/ Test</b> 	<ul style="list-style-type: none"><li>- A continuous green light</li><li>- Slow blinking green light every 2 seconds</li><li>- Fast blinking green light every 1 seconds</li></ul>	<ul style="list-style-type: none"><li>- When pressing "OFF" to turn off the automatic battery test system (Auto Test) from the remote.</li><li>- When pressing "ON" to turn on the automatic battery test system (Auto Test) from the remote.</li><li>- The unit is performing a battery test (Auto Test).</li></ul>
<b>Charge/Fail</b> 	<ul style="list-style-type: none"><li>- A continuous red light</li><li>- The red light turns off</li><li>- A red light blinks three times every 15 seconds</li><li>- A red light blinks four times every 15 seconds</li><li>- A red light blinks five times every 15 seconds</li></ul>	<ul style="list-style-type: none"><li>- The battery is charging.</li><li>- The battery is fully charged.</li><li>- "Battery Fail" When the emergency light unit supply backs up the lighting for less than 120 minutes, or less than the time tested with a remote control.</li><li>- "Charging fail" When the battery charging system does not charge, the charger does not cut off, the charging circuit cuts off, but the battery charge decreases too quickly.</li><li>- "Lighting Fail" When the system encounters an abnormality in the lighting system, such as loose lighting cables, broken bulbs, etc.</li></ul>

## Remote Testing



-  ▶ Button for testing the device's function for 5 seconds.
-  ▶ Button for testing the device's function for 30 seconds.
-  ▶ Button for testing the device's function for 60 seconds.
-  ▶ Button for turning on auto battery test system
-  ▶ Button for turning off auto battery test system
-  ▶ Button for canceling the test

## Dimension (mm)



SIDE VIEW



## 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.	<ul style="list-style-type: none"> <li>- The power socket might not have any power.</li> <li>- The plug or socket is loose.</li> <li>- The AC.230V fuse is blown.</li> </ul>	<ul style="list-style-type: none"> <li>- Check the 230VAC power supply.</li> <li>- Check the plug and socket.</li> <li>- Contact customer service.</li> </ul>
- Emergency light does not turn on after the power went out.	<ul style="list-style-type: none"> <li>- The lamp is faulty</li> <li>- The circuit's wiring is loose.</li> <li>- The DC fuse is blown</li> </ul>	<ul style="list-style-type: none"> <li>- Contact customer service.</li> <li>- Contact customer service.</li> <li>- Contact customer service.</li> </ul>
- Emergency light only turns on for a short time after the power went out.	<ul style="list-style-type: none"> <li>- The battery is not fully charged.</li> <li>- The battery is past its operational lifetime or has deteriorated</li> </ul>	<ul style="list-style-type: none"> <li>- Take the emergency light unit to charge until the "LED Charge" indicator turns off.</li> <li>- Contact customer service to replace the battery</li> </ul>

## Terms for Warranty and Service

1. The product will only be under warranty if the customer fills in the “warranty card” and return the “return part” to the company within 7 days of purchasing the product. If this is not done within the specified time then the warranty will be considered void.
2. The warranty only covers the unit’s internal parts for the duration specified by the company counting from the date of purchase.
3. Please show the warranty card every time when contacting our service department or the dealer you purchased the unit from.
4. The warranty will be considered void in the following cases.
  - The unit has been used outside of its intended use specified in the manual.
  - The unit has been used with equipment that does not meet the specifications specified within the manual.
  - The unit has been damaged from impact, for example parts are dented, scratched missing or distorted.
  - The unit has been modified or repaired by people not officially certified by our company.
  - The Sticker Warranty Void has been removed or torn.
  - The unit is damaged from negligence or incompetent use, for example, the battery is swollen, the batter has been overcharged, the battery has been damaged from quick charging, the battery has been short-circuited, the battery’s charged has been completely drained.
  - The unit has been stored improperly, for example, it was exposed to moisture causing rust and damage to the internal circuitry.
  - Damaged was caused by a malfunction in the AC power supply.
  - Damage from natural disaster such as fire, moisture, submersion in liquids, chemical damage or from unavoidable circumstances.
  - Damage from animals or insects.

**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.

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