



## USER INSTRUCTIONS – Model SC5

(Retain this instruction manual for future use)

### SmartCharge™ light bulb

A unique LED light bulb which works like a normal bulb (controlled from the same wall switch) even during power outage. No hardware changes or rewiring required.

### Product usage WARNING

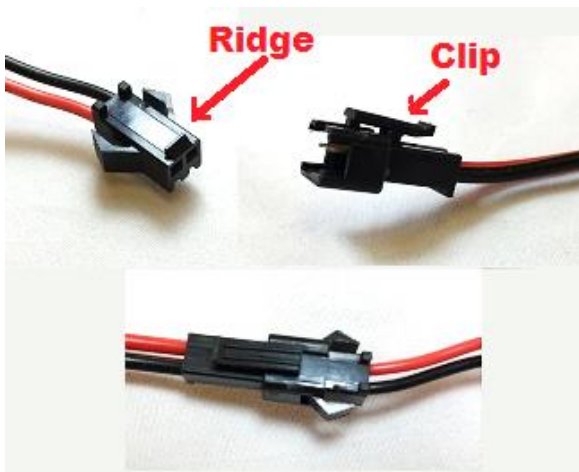
- Do not use/install in damp locations
- Do not use in close fixtures
- Indoor use only
- Dispose battery according to instructions

### Contents of the box

- 1 SmartCharge LED Bulb
- 1 Rechargeable Battery

### Battery Connection

To open the battery casing cover, use a Phillips Screwdriver, 3mm diameter, for a cross head Screw. Inside the casing notice the connectors as shown in figure below. Make sure to align the connectors such that the clip on one and the ridge on other are on the same side. Attach the connectors carefully without bending the pins. The wires are color coded to guide the user to make proper connection. Ensure that the pin with the red wire is connected to the pin with the red wire on other connector. Place the battery inside the casing and replace the cover and screw.



### Installation

1. Turn the power OFF to the light bulb socket
2. Simply replace a normal bulb with SmartCharge LED bulb

**Note:** This product does not require any extra wiring, a control box, remote control, or electrical installation.

### Directions to use

- SmartCharge™ Bulb works like a normal light bulb. Turn ON/OFF from the same switch
- Allow the SmartCharge™ bulb to charge for at least 6 hour

*For multi bulb use under one switch control*

Replace any number (1, 2 or all) of ordinary light bulbs with SmartCharge LED light bulbs.

**Note:** There should not be any incandescent bulb in any sockets under that switch.

**For B22 base type only:** If the bulb does not turn OFF using the Switch, remove the bulb and reconnect it with reverse polarity.

### Power outage

Even during power outage, SmartCharge bulb works like normal bulb. Control (ON/OFF) from the same switch.

### Battery Backup

Backup time of minimum 3.5 hours.

When battery level is low, the bulb will flash few times and then it will continue to glow for another 15-20 minutes. When the battery reaches critical level the bulb will blink rapidly and then turn OFF.

### Charge only mode

To charge the bulb without turning the light ON, use Charge only mode.

Initial switch state: OFF. Turn the switch ON – OFF – ON (flip the switch twice all in 3 secs or less) to use Charge Only mode. The bulb glows when first turned ON, the second time it does not glow and enters charge only mode.

To come out of this mode simple turn OFF the switch.

### Helpful hints

- The SC 5 model can be used in single as well as multi bulb unit. For example, a table lamp or many bulbs connected to a single switch
- Ensure that you use this bulb regularly like any normal bulb so that the battery is charged and the bulb provides light during power outages
- The SC5 model will not work in light fixtures that contain dimmer switches
- The SC5 model can be used with a 3 way switch but it would not change brightness
- The SC5 model bulb cannot be used in an enclosed fixture. UL testing and standards have very strict



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requirements around safety of the products. The heat generated if not dissipated may result in a hazardous situation. Enclosed fixtures do not allow proper ventilation for the heat sink

- For additional hints, visit our support page on [www.smartchargelight.com](http://www.smartchargelight.com)

## Simulating a Power Outage Instructions

**Note:** Make sure the Smart Charge Bulb is sufficiently charged before simulating the power outage.

1. Screw one SmartCharge bulb in a table lamp that has its own switch
2. Screw an incandescent bulb into another table lamp
3. Plug both lamps into a power strip
4. Plug in the power strip in a wall outlet
5. Turn ON the switch to see both the bulbs glow
6. Keep the bulbs ON as in step 5, and remove the plug of power strip from the wall outlet. (This simulates power outage)
7. The normal light bulb will turn off (Since there is no power) but SmartCharge bulb remains ON
8. You can control the SmartCharge bulb from the table lamp switch (not from power strip switch)

**Note:** If you turn the regular lamp OFF, you cannot control the SmartCharge bulb in this set up. SmartCharge bulbs need a load (complete circuit) behind the switch to operate. In a general home situation, there are a lot of loads behind the switch.

## Caution in Battery use

- Do not expose or dispose the battery in fire
- Connect the battery terminals properly
- Avoid shorting the battery
- Avoid excessive physical shock or vibration
- Do not disassemble or deform the battery
- Do not immerse in water
- Keep out of the reach of children
- Do not use or charge the battery if it appears to be leaking, discolored, deformed, or in any way abnormal. Do not leave your battery discharged or unused for extended periods of time. When batteries are misused, they may explode or leak, causing burns and personal injury

*The battery used in this device may present a risk of fire, explosion or chemical burn if misused.*

**California Proposition 65 Warning:** This product contains chemical known to the state of California to cause cancer, birth defects or other reproductive harm.

## Battery disposal WARNING

Never dispose of used batteries/electronics with ordinary solid wastes, since they contain toxic substances.

- Always dispose of used batteries/electronics in accordance with the prevailing community regulations that apply to the disposal of batteries/electronics. If there are no local regulations concerning battery/electronics disposal, please dispose of the device in a waste bin for electronic devices
- Unit shall not be exposed to excessive heat
- Many electronics retailers now recycle batteries and other electronic components at no charge. Check to see which ones in your area do so



## Specifications

<b>Operating voltage</b>	100 – 240 volts
<b>Operating frequency</b>	50 – 60 hertz
<b>Wattage</b>	8 watts
<b>Brightness</b>	630 lumens
<b>Battery Backup Brightness</b>	350 lumens
<b>Color Temperature</b>	2700 kelvin
<b>Beam Angle</b>	> 128 degrees
<b>Battery Type</b>	Rechargeable Li- Ion
<b>Battery Replacement</b>	1-2 years
<b>Bulb life</b>	25,000 hours
<b>Bulb dimensions</b>	Ø 68 x 147 mm

## Limited warranty

Product will be free of defect due to workmanship for a period of 1 year. If the product fails within the stated life, return defective product to TVL International LLC. Shipping, handling, stocking and processing fee may apply. Battery is a consumable item and has warranty of 3 months from the date of purchase. Contact SmartCharge customer service at [info@smartchargelight.com](mailto:info@smartchargelight.com) or call (704) 814-0930 for instructions on bulb replacement. Warranty terms and conditions of retailer apply. Warranty and guarantee are void if product is misused per caution statement. If replacement product is not available at retail store copy of the receipt will be needed to return the product to the manufacturer. This replacement is the sole remedy available and liability for incidental or consequential damage is expressly excluded. These bulbs meet the RoHS directives (Reproduction of Hazardous Substances). These regulated substances are Cadmium, Hexavalent, Chromium, Lead, Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers (PBDEs)