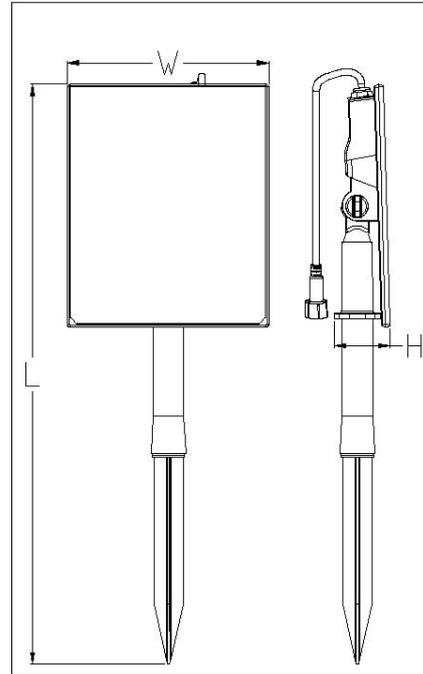
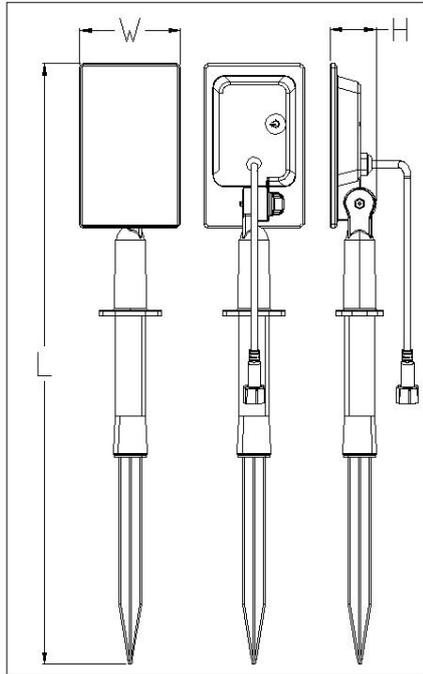


# TECHNICAL DATASHEET

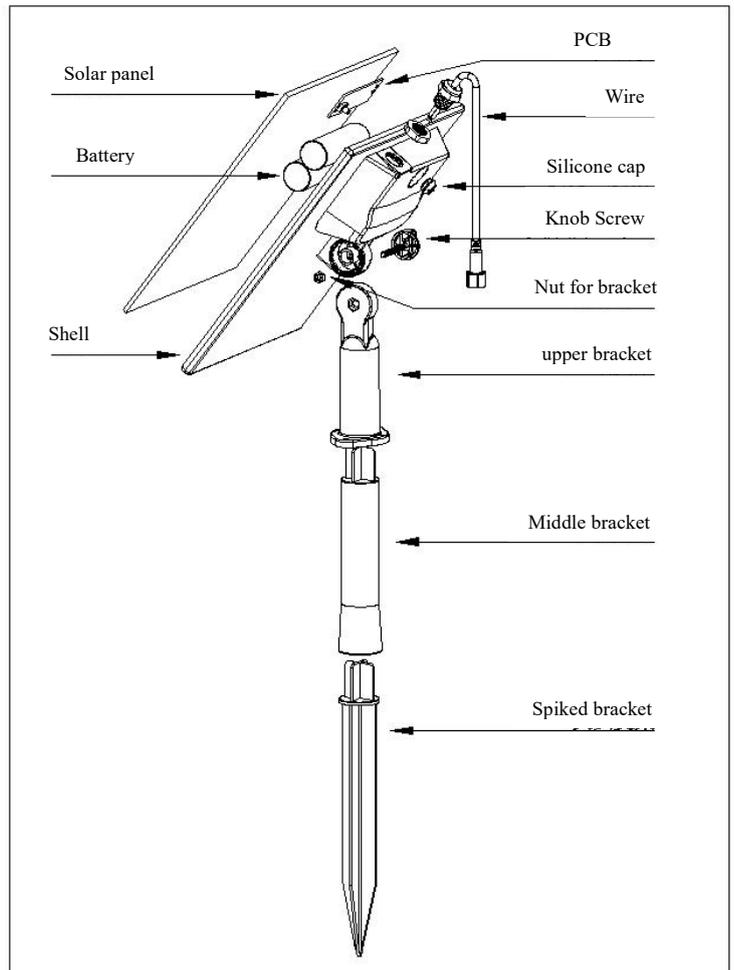
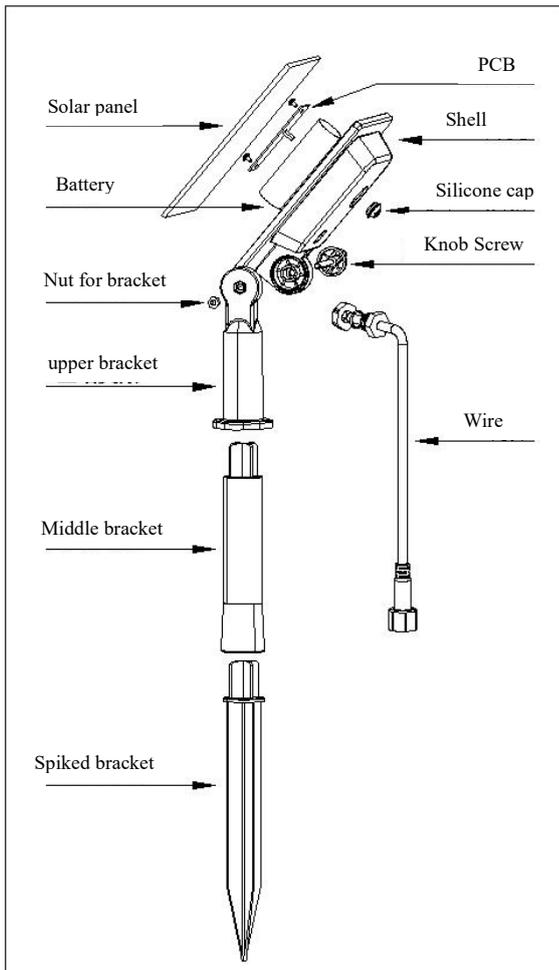
## VICTORIA SOLAR LED STRIP SERIES



# Product Structure



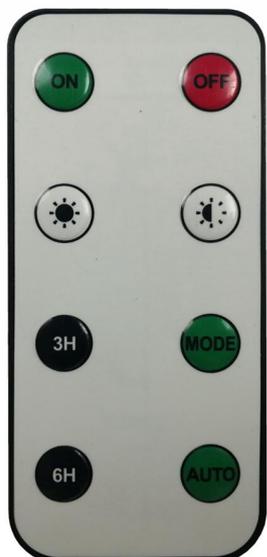
# Product Composition



## Product Parameter

| Name                      | Model/Parameter  |                    |
|---------------------------|--|--------------------|
|                           | 18W  | 40W                |
| Solar panel size (L*W*H)  | 138*82*3mm   | 203.5*166.5*4mm    |
| Solar panel power/voltage | 1.6W/5V  | 5W/5V              |
| Battery                   | 18650  | 26700              |
| Battery capacity          | 1800mAh/3.2V   | 4AH/3.2V           |
| Product size(mm)          | 86*142*40  | 96*310*52mm        |
| Size with bracket (mm)    | 517*86*40  | 510.5*172.4*29.8mm |
| Strip length              | 5m   | 10m                |
| Power cord specs          | 2-pin male plug  | 2-pin male plug    |
| Power cord length         | 2m   | 2m                 |
| Strip specs               | 60 Leds/m 2835 SMD   |                    |
| CCT                       | 3000K/6500K  |                    |
| Battery type              | Brand new LiFePO4 battery-3.2V   |                    |
| Cycle times               | >1200 (80% capacity left)  |                    |
| Protect voltage           | 2.1V   |                    |
| Mode                      | Single color: always on→breathing→flash→slow flash                                   |                    |
| Control mode              | Button and remote control  |                    |
| Mount mode                | Ground mount/Wall mount  |                    |
| Lighting control          | Charge during the day (>10lux) & light off, discharge at night (<5-10lux) & light on |                    |
| Charge time               | Normal illumination 4-6 hours (>40000lux)  |                    |
| Working time              | >12H (full charge AUTO mode)   |                    |
| IP rating                 | IP66   |                    |
| Material                  | ABS, black + Glass   |                    |
| Temperature and humidity  | Temperature: charge above 5°C, discharge above -10 °C<br>Working humidity: 95% RH    |                    |

## Remote Control

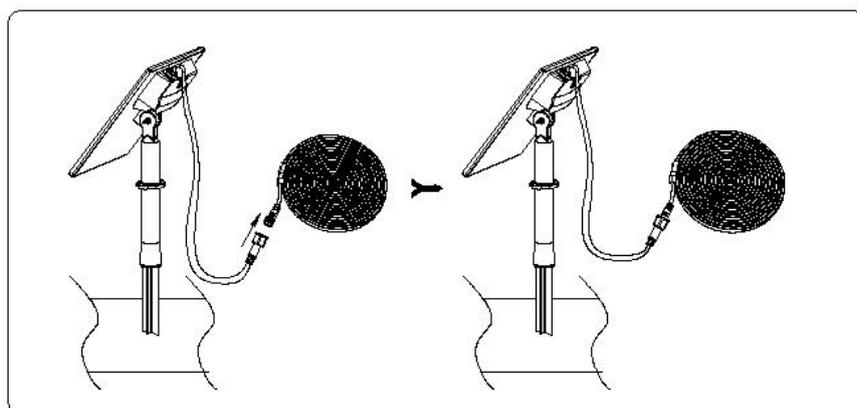
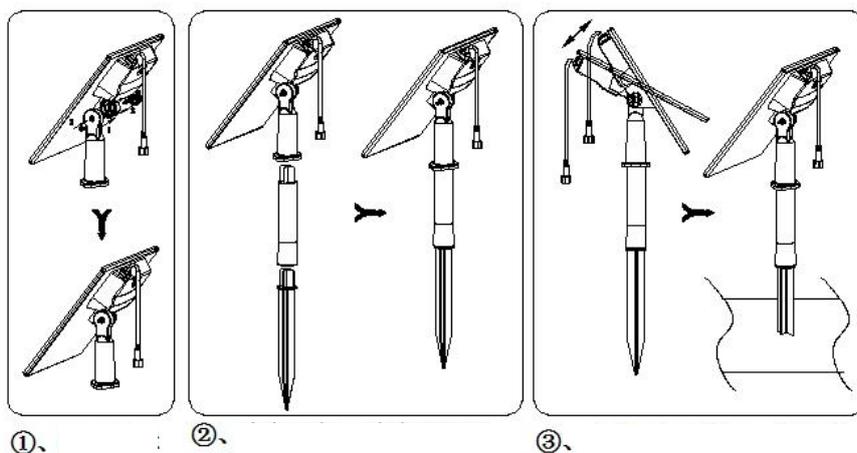


| Key    | Function               | Validity                | Valid conditions | Detailed description  |
|--------|------------------------|-------------------------|------------------|---|
| 【ON】   | Light On               | Single                  | Day and night    | Light ON and enter to AUTO mode.  |
| 【OFF】  | Light Off              | Single                  | Day and night    | Light off   |
|        | Power off              | Every day (with memory) | Day and night    | Long press the "OFF" key for 3S, light off and still can be charged, but can't light on until you press the "ON" key. |
| ☀      | High light             | Single                  | Day and night    | Brightness will be gradually decreased from 100%, light off after 12-14 hours.  |
| ☀      | Low light              | Single                  | Day and night    | Brightness will be gradually decreased from 40%, light off after 12-14 hours.(N/A for RGB strip)                      |
| 【3H】   | 3 hours lighting time  | Every day (with memory) | Night            | Brightness will be gradually decreased from 100%, light off after 3 hours.  |
| 【6H】   | 6 hours lighting time  | Every day (with memory) | Night            | Brightness will be gradually decreased from 100%, light off after 6 hours.  |
| 【MODE】 | Mode switch            | Every day (with memory) | Day and night    | Single color: always on→breathing→flash→slow flash  |
|        |                        |                         |                  | RGB: RGB breathing→colorful→red→green→blue→yellow→purple→Cyan→white   |
| 【AUTO】 | 12 hours lighting time | Every day (with memory) | Night            | Brightness will be gradually decreased from 100%, light off after 12-14 hours.  |

## Button Instruction

1. Long press for 2s to power on/off.
2. green light is always on after power on, green light is not on after power off, restore mode to normal light mode, and lift the function of prohibiting light
3. Short press button to switch modes
4. monochrome mode: constant light → breathing → fast flashing → slow flashing;
5. RGB mode: RGB breathing → illusion → red → green → blue → yellow → purple → cyan → white

## Installation Introduction



## Important notice

- ★ Please keep the installation tools away from children.
- ★ Please install on a flat and stable surface, and fix the PV panel and the lamp body to prevent wind or other reasons from hurting people.
- ★ The PV panel should choose a good Angle to ensure the longest lighting time for the PV panel.
- ★ Contains batteries, batteries are recyclable, please do not throw them away.
- ★ Contains batteries, the product is strictly prohibited to be placed on fire, it may explode.
- ★ Please do not connect to 110/220V alternating current to avoid damage to the lamp body.
- ★ In order not to affect the use effect, clean up the dust or debris on the surface of the solar PV panel every 3-4 months.
- ★ In autumn, winter, continuous cloudy or rainy days, the charging effect will be weakened and the lighting time will be shortened, which is normal.
- ★ Avoid installing lamps near air conditioners, heating objects, or high-voltage power grid systems.