



RuggedGrade User Manual

Carina II Series
Solar Wall Light

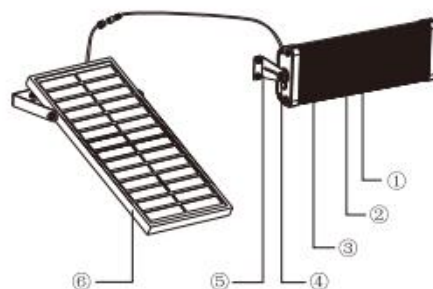


Main Parts

30W



60W



- | | |
|------------------------------|---------------|
| ① Battery Capacity Indicator | ④ Switch |
| ② Lighting Mode Indicator | ⑤ Bracket |
| ③ LED | ⑥ Solar Panel |

Electrical Characteristics:

Solar panel: Monocrystalline
Rechargeable Battery: Li-ion Battery
Material: Aluminum Alloy / PC

For Best Results

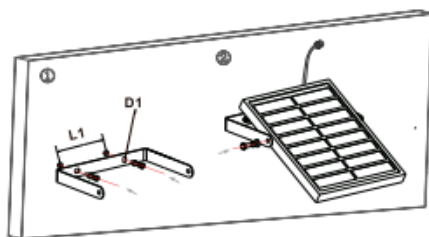
Keep the solar panel pointed toward the sun. Use in an area with 6-8 hours of direct sunlight for best performance.



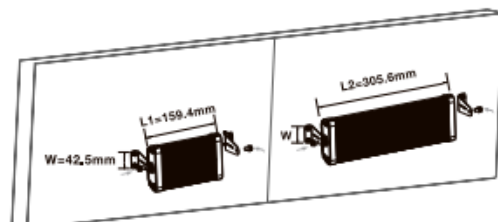
Mounting instructions

1. Mount the bracket on the wall, then screw solar panel into bracket.

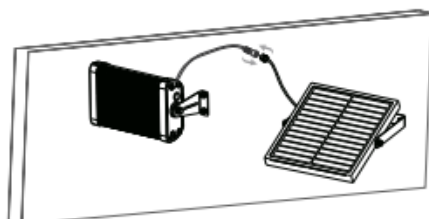
D1:Φ6.5mm
L1:100mm



2. Screw the bracket on lamp body and mount on the wall.



3. Connect lamp and solar panel by the cable.



Operating Instructions

Power Button:

(Image)

ON/OFF: Long Press (hold for 3 seconds)

lighting mode switch: Short press



Lighting Mode Indicator:

M1:Red

M2:Green

M3:Orange

T:Green light flashes

Battery capacity Indicator:

Green: > 70%

Orange: 30%-70%

Red: 10%-30%

Note: when battery capacity is lower than 10% , the battery indicator no light .

Remote controller

Remote



M1:100% Brightness
M2:60% Brightness
M3:30% Brightness
T:100% Brightness for 2 hours then off

⊗ Special Note:

1. Do not install the solar panel facing down and away from the sun, in a shadowy area or anywhere not receiving regular sunlight during the day. Otherwise, it will lead to insufficient absorption of sunlight and insufficient brightness and hours of use.

2. Do not use the lamp in an environment with temperatures above 45°C or below 0 °C. This will cause the rapid deterioration of the battery and affect the battery life or cause the battery to fail completely.

3. Do not use non-supplied installation accessories to install the lamp, such as a different solar panel. Use of incorrect parts may result in injury or damage to the lamp, battery or solar panel

4. Choose a suitable lighting mode according to local sunshine.

⚠ Warning:

1. Keep the device away from fire and flammable substances to avoid fire or explosion.

2. No one except professional technicians should attempt to disassemble the light in order to avoid injury or damaging the light.

3. It is strictly forbidden to disassemble the battery for personal use.

4. If the lamp doesn't get charged for one week, the battery may run out of power and require a full charge under bright sunlight.

5. In order to ensure that the lamp works in an ideal state for a long time, please clean the solar panel regularly according to the local dust conditions, our suggestion is every 6 months.