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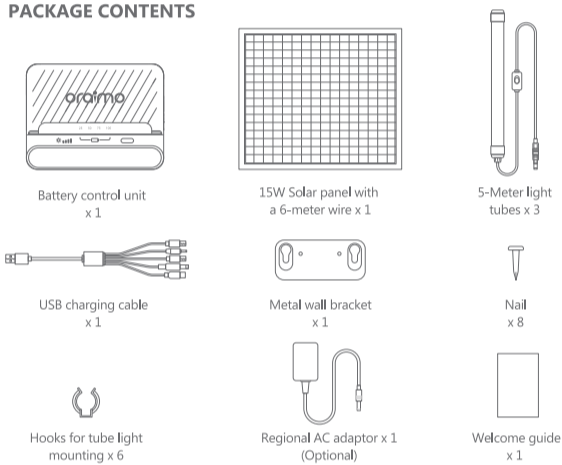
PowerSolar 76

| OPS-176 |

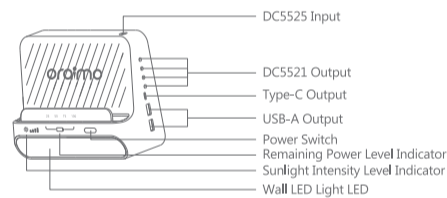
WELCOME GUIDE

Please read this Guide carefully before using the product

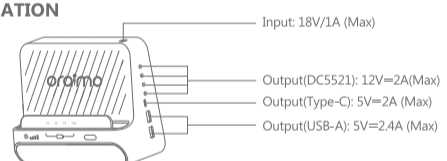
PACKAGE CONTENTS



PRODUCT OVERVIEW OF THE BATTERY CONTROL UNIT



SPECIFICATION

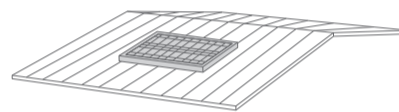


💡 Illumination Time: 1 tube light is illuminated for 45 hours; 2 tube lights are illuminated for 22 hours; 3 tube lights are illuminated for 15 hours.
*The above data is based on testing the PowerSolar 76 (OPS-176) Battery Control Unit by oraimo Lab.

INSTALL THE SOLAR HOME POWER SYSTEM

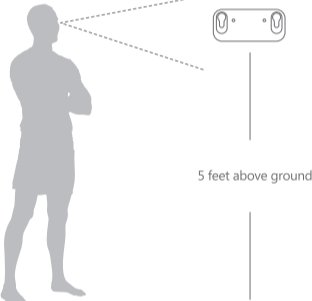
STEP 1: Install the solar panel on the roof

Note: Install the solar panel with a clear view of the sky, with maximum exposure to direct sunlight. A poor choice of location for the solar panel can reduce its charging performance.



STEP 2: Install the battery control unit inside your house

① Mount the metal bracket of the control panel on wall
Mount the metal bracket of the control panel on the identified location. Ensure that it is at the eye level of the adult of the house.



② Mount the control panel on the metal wall bracket

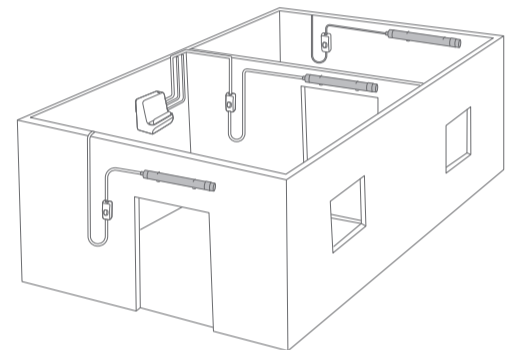


③ Connect the tube light wire and solar panel wire to the ports at the side of the control panel.



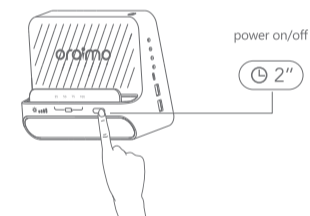
STEP 3: Install the tube light

For best performance of lighting, choose locations where the tube light is hung from the ceiling in the middle of the room so that it lightens up a large portion of the room. Then nail the hook on the wall you choose, and install the tube light.



TURN ON THE BATTERY CONTROL UNIT

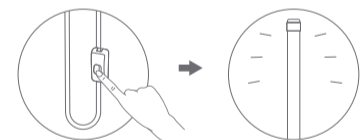
Long press the power button for 2 seconds to power on the battery control unit. Long press 2 seconds to power off.



USAGE OF THE SOLAR HOME POWER SYSTEM

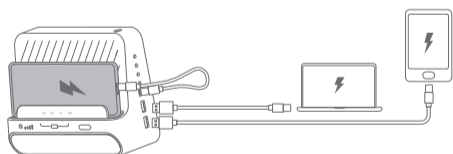
1. Turn on/off the tube light

After installing the tube light successfully, turn on the battery control unit, and toggle the switch to turn the light on or off.



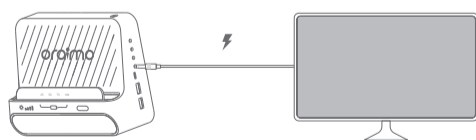
2. Charge your phone

There are 2 USB ports and 1 Type-C port provided in the control panel for charging devices. The mobile phones can be placed on the control panel with the help of a groove.



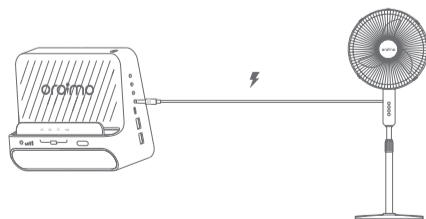
3. Power the DC TV

Use the DC5521 power cable to connect the control panel and the DC TV, and turn on the switch on the control panel to power the DC TV.
The PowerSolar 76 can power a 17-inch DC TV for up to 5 hours.*



4. Power the oraimo Standing Fan

Use the DC5521 power cable to connect the control panel and the fan, and turn on the switch on the control panel to power the fan.



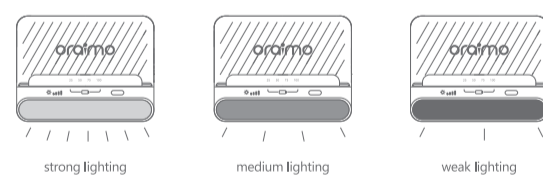
The run time of the fan that powered by PowerSolar 76*

Speed Mode of the Fan	Run Time
Low-speed Mode	Up to 15 Hours
Medium-speed Mode	Up to 10 Hours
Turbo-speed Mode	Up to 8 Hours

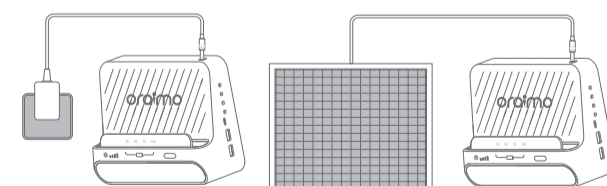
*oraimo Lab test results

5. Activate the wall LED light function

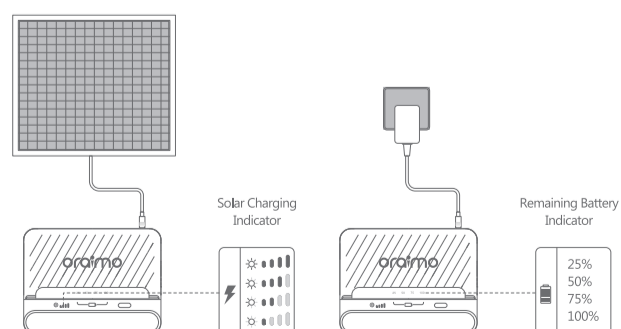
In the status of power on, short press the power button on the battery control unit to turn on the light, then short press to switch the light brightness. There are three levels of brightness: strong, medium and weak. Illuminating time can be 30 hours under minimum brightness conditions.



RECHARGE THE BATTERY CONTROL UNIT



① Recharge via AC Adapter. The AC adaptor needs to be bought separately. ② Recharge via Solar Panel



💡 Adjust the position of the solar panel according to the state of the solar charging indicator to achieve the best charging speed.

ATTENTION

- Preserve battery lifespan, use and recharge at least once every 3 months
- Use original or certified cables
- Do not expose to liquids
- Do not disassemble
- Avoid dropping
- Avoid extreme temperatures

IMPORTANT SAFETY INSTRUCTIONS

When using this product, basic precautions should always be followed, including the following:

1. Store product in a cool and dry place.
2. Do not store the product in hot or humid environment.
3. Use of a power supply or charger not recommended or sold by the product manufacturer may result in a risk of fire or injury to persons.
4. Operating temperature should be between 0°C to 45°C.
5. Do not disassemble the product. Take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or injury to persons.
6. If the product is not used for long periods of time, you should change and discharge once every three months.
7. When charging a device, the product may feel warm, this is a normal operating condition and should not be cause for a concern.
8. In normal conditions, the battery performance will decline over several years.
9. Do not dispose of the product in heat or fire.
10. Do not clean the product with harmful chemicals or detergents.
11. Misuse, dropping or excessive force may cause product damage.
12. When disposing of secondary cells or batteries, keep cells or batteries of different electrochemical systems separate from each other.