# User Manual

Model: XJT-001

Name: Broos Products Wireless Solar Power Bank



## Product Layout

1) Dual LED lights
2) Wireless Charging Area
3) Dual USB Outputs
4) Power Button
5) Micro USB Input
6) Type C Input
7) LED Indicator
8) Solar panel

## Specification

| | |
|---|---|
| Model | XJT-001 |
| Capacity | 10000mah |
| Sun-powered Panel | 5V/200mA |
| Battery Type | Lithium Polymer |
| Operation Temperature | 14~122℉/-10~50℃ |
| Flashlight Runtime | 55 to 65 Hours |
| Type C/Micro USB Input | 5V/2.1A |
| USB Output | 5V/ 2.1 A (Max) |
| Wireless Output | 5V/1A |
| Charge Time | 5~7 Hours by DC 5V/2A<br>5 days by the Sunlight (for emergency) |
| Dimensions | 150 x 82 x 23mm/ 5.90 x 3.23 x 0.91 in |
| Weight | 348g /12.28 oz |

## Package Contents:

- 1 xWireless Solar Power Bank
- 1 x 3 in 1 Micro USB Cable
- 1 x Free Carabiner
- 1 x User Manual

**How to use wireless charger?**

First, press the power button for once, place the device that supports wireless charging on the wireless area, and the device will start charging.

**NOTE:**

When wireless charging a cell phone with the wireless solar power bank, please do not put a case on your phone, cause the case will slowdown the charging speed.

## To be charged:

**A. Charged by Power Outlet (recommend)**

1. The LED indicator lights up blue and keeps blinking, which means that the power bank is being charged;
2. All five LED indicators are lit and turn solid when the charge is complete.

**B. Charged by Sunlight (for emergency)**

The solar power bank will be automatically charged when the solar panel is placed directly in the sun (NOTE: Do not expose it to extreme temperatures). The LED indicator lights up green when the power bank is being charged by the solar panel, and glows blue during charge by the power socket. When all five LED indicators stay lit, it means that the power bank is fully charged.

**The Operation of LED Lights:**

1) Press and hold the power button for about 3 seconds, the flashlight turns on (steady light mode).

2) After the flashlight is on, short press the power button once, the flashlight blinks slowly. Short press it again, the flashlight enters the SOS emergency mode. And short press the power button once more, the flashlight turns off.

3) The flashlight turns off when you press and hold the button for about 3 seconds in any lighting mode.

## Battery Level Indicator

| Pilot lamp: ● Lighten ○ Extinct | Capacity: |
|---|---|
| ○ ○ ○ ○ | 0% |
| ● ○ ○ ○ | 1%-25% |
| ● ● ○ ○ | 25%-50% |
| ● ● ● ○ | 50%-75% |
| ● ● ● ● | 75%-100% |

## Using this item for digital products charging:

The LED indicator lights up when using the power bank to charge your digital device. The power bank will stop charging when the digital device is fully charged.

**Attention**: DO NOT charge any digital devices when the power bank reaches a low battery level.

The following devices will be supported to charge

(Most USB devices)


## Multi-intelligent Protection Mechanism

1. Temperature Protection:
The thermistor and temperature control mechanism ensures that the power bank operates within a safe temperature range when charging the digital device.

2. Overvoltage Protection
The OVP circuit design can prevent overvoltage during the charge and discharge processes of the power bank, thus avoiding damage to the back-end circuit.

3. Short Circuit Protection:
The fuse device provides self-protection against motherboard and battery damage when a short circuit fault occurs.

4. Battery Overcharge or Over-discharge Protection:
The use of Japan's lithium-ion electric protection device can effectively prevent the batteries from excessive charging and discharging.

5. Output Overcurrent Protection:
It is a smart safeguard design that stops charging to protect digital devices when the output current of the power bank exceeds the maximum value..

## Attention:

1. The advantage of a polymer lithium-ion battery depends on its strong cycling performance and large capacity. The capacity of a polymer lithium-ion battery is 20% larger than that of a lithium-ion battery in terms of the same size. When the current output is stable, the polymer lithium-ion battery not only provides a strong cycling capability but has a soft outer shell. It can keep you safe in the event of battery bias resulted from a short circuit.

2. This IP65-rated solar power bank can be exposed to a humid or wet climate. But never drop it into the water.

## Warm Prompt:

Solar charging is a charging way for emergency use, and solar panel charging efficiency will be influenced by natural conditions and random factors, such as day and night, winter and summer, geographical latitude and height above sea level, sunny, rainy and so on, please don't rely on solar charging or regard it as the main charging way, please charger it by wall plug for daily use.

**Caution**

- Please charge the product at least 10 hours through the power socket or PC for the first time of use.
- Do not attempt to drop or knock the product in any way.
- Do not disassemble the product. Otherwise, it may cause a safety hazard.
- Keep away from fire, heat, or high temperature to avoid shortening the service life or damaging the product.
- Keep away from metal objects.
- Avoid exposure to static electricity, strong magnetic fields, and radiation.
- If odor, heat, deformation, or any other abnormality occurs, please stop using the product immediately.
- Keep out of reach of children.
- Stay away from water, liquids, and humidity.
- Please dispose of the product in accordance with local recycling and environmental regulations.
- The USB cable in the package is only used to charge the

 **Do not place the product in the vehicle or environment with high temperatures. Otherwise, the battery life will be affected and cause a safety hazard due to the heat source.**

## Customer Service

The solar charger provides a 90-day warranty and lifetime technical support.

If you are not satisfied with the product or have any problem with it, please feel free to contact our professional Customer Service Team or After Sales Support Team, we will help you as soon as possible.