Solar Charger Power Bank Use Manual

Applicable to all digital devices with DC 5V input

INTRODUCTION
It is a portable power bank for all kinds of digital devices like smart phones, tablet PC ,MP3/MP4 , hand-held games console etc.
There is an input Micro USB port, a built-in rechargeable high performance Lithium polymer battery cell. 3 standard smart USB output ports and wireless charging, the power bank with over current, over voltage and short circuit protection. 28 units LED lights for lighting outdoor, IP65 Waterproof & Dustproof for harsh environments.
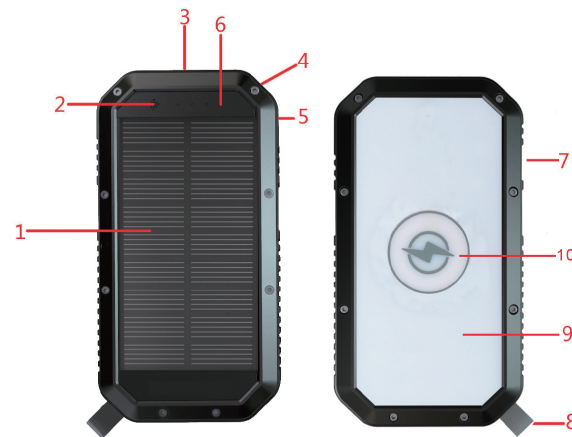
CERTIFICATION
The power bank is CE, ROHS and IP65 certificated.

Specifications

Capacity: 20000mAh
Input:Micro USB DC 5V/2A
Input Solar: 400mA
Output: DC5V/2000mA(3 USB smart)
Output Wireless: DC5V/1000mA
LED Lights: 672 Lumens
Dimension: 178*97*30mm

Functions display
1, Sunpower Solar Panel
2, Solar charging indicator
3, USB Output port 1 , 2 , 3
4, Cover for protection
5, Input Micro USB
6, Power indicator
7, Shift/power switch
8, Lanyard
9, LED lighting
10, Wireless charger

To charge the solar power bank
Plug in the included USB cable to a power source such as an AC power adapter or any other USB power source, the battery indicator shows the current battery at the same time. All LED indicators will keep on when the power bank is full charged. Place the Solar Charger in direct sunlight: make sure the embedded solar panel is positioned towards the sun, the solar charging indicator lights up automatically.

To charge the device by solar power bank
Plug in your USB charging cable you have for your devices, the USB connection goes to the power bank USB output, the other end goes to the devices going to be charged, power bank's LED indicators will glow blue indicate it's charging the devices.

Switch the power on, place your QI enabled devices on the symbol of wireless charge, it will start wireless charging automatically.

Output cut off
In the discharging state, the output port load is removed (or the digital product is fully charged), and the mobile charger can be automatically identified. After about 30 seconds, the 5V output turned off and the power indicator turned off

LED lighting function
In any state, double-click the button to turn on the LED lighting. The lighting is divided into three brightness levels: high, medium and low. The brightness can be switched by pressing a single button. The sequence is: high, medium and low. At any brightness, double-click the button to turn off the LED lights.
The product automatically memorizes the brightness level when the light is turned off. It is still on the brightness level of last time in use.

Battery display
The power display is consist of 4 blue LED lights, each light means about 25% . In the standby state, press the power switch that the blue LED lights on and display battery information.

Charging status :

Power	LED1	LED2	LED3	LED4
100%	on	on	on	on
75%~99%	on	on	on	flash
50%~75%	on	on	flash	off
25%~50%	on	flash	off	off
0%~25%	flash	off	off	off

Discharging status :

Power	LED1	LED2	LED3	LED4
75%~100%	on	on	on	on
50%~75%	on	on	on	off
25%~50%	on	on	off	off
10%~25%	on	off	off	off
0%~10%	flash	off	off	off

Protection function
1. Constant voltage output, over voltage protection
2. Constant current output, over loaded protection (After output overload protection is released, it can be restored)
3. Short-circuit of output protection (After the short-circuit is released, after charging or pressing the key to re-open the output)
4. Internal built-in battery protection (both with battery protection and software protection)