User   Manual

BOLY

Version 1.0

● Cautions
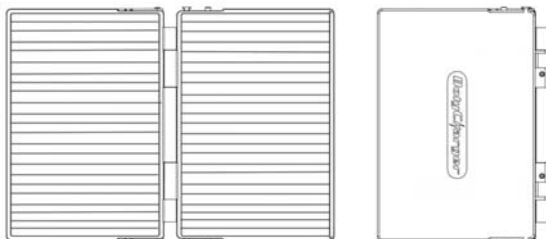
✱ Stay away from the fire source.

✱ Be charged before using, two ways of charging: electricity and solar.

✱ Non-professional without permission to disassemble or dissect the internal components is not allowed. Otherwise Boly is not responsible for after-sales maintenance.

✱ Do not use metal conductor to short out the battery.

✱ Sharp object is not allowed to touch the solar panel.

✱ Please read the instruction before use. The improper operation may cause damage to the built-in battery and electrical components.
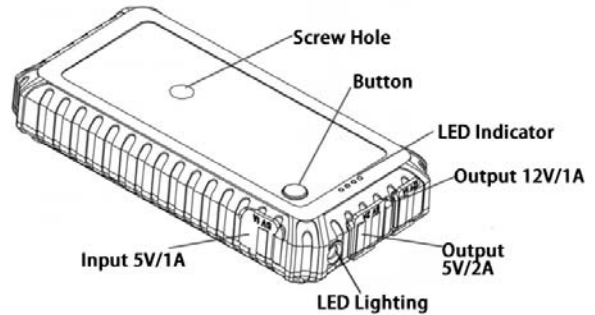
● General Description

This product, a solar charger contains solar panel and mobile power bank, with built-in high capacity of 7200mAh lithium ion polymer battery, converting solar energy into electricity through high-efficiency polycrystalline silicon is designed specifically for surveillance cameras. Also it can be used to support energy for other electric products.

There is an LED for lighting in emergency by pressing the button on back of the mobile power bank for about two seconds. The solar charger supports two kinds of DC output of 12V/1A and 5V/2A, charged by solar sunshine or output of 5V/1A converted by AC adapter through a USB cable. And another four LEDs indicate how much electricity it has.

● Interface

Solar Panel

Mobile Power Bank

LED Indicating on battery capacity.

LED number	one	two	three	four
Battery Capacity	<25%	25%-50%	50%-75%	>75%

This product has two modes: common mode and camera mode, pressing the button on back of the mobile power bank for more than 5 seconds to switch between two modes. In camera mode, it can supply power for the camera working during charging by solar, while it is not available in common mode.

To make sure which mode the camera is in, press the button to see if the four LEDs will lighten, lightening for several seconds means common mode, or(four LEDS dead) it is in camera mode.
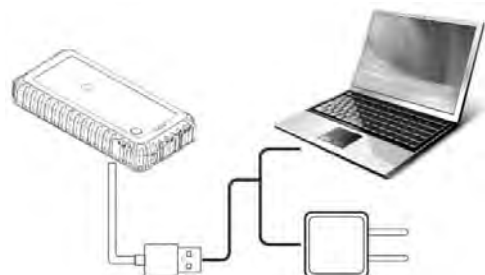
Note:Do not switch modes when charging.

● Charging

There are two ways to charge this product.

1,Using solar energy to charge, please note to adjust the angle between the sun and the solar panel, keeping a vertical angle at noon will make the charging efficiency to be best. The solar charger supports supplying power for cameras during charging, it will extend the charging time which is a normal phenomenon. Solar charging efficiency can be influenced by weather, latitude, season.etc. A sunny day will make charging time much more less than cloudy days. Generally it needs five days to be fully charged.

2, Using an USB cable connected with AC adapter or computer, please note to make sure the output port of adapter or USB cable is matched with the input port of the mobile power bank. After charged, please pull it out. **Only 5V/1A DC input is allowed.**

There may be a slight fever and sound during charging with adapters which is normal. It needs about 12h to be fully charged
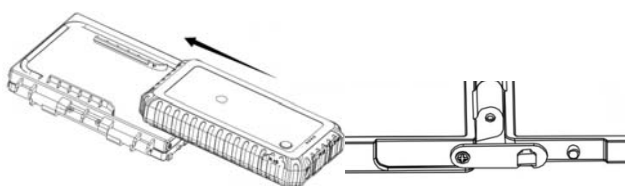
by a 5V/1A adapter. AC adapter is not included in the packaging.

Note: Use AC adapter charging time no more than 20 hours! Otherwise, it will damage the product, may result in overheating, fire or other danger.

● Installing

When using this product in outdoor environment, please install the solar charger as following steps.

a. Push the mobile power bank into the slot position on back of the solar panel;

b. Insert the cable port of solar panel into the input port of mobile power bank;

c. Open the two solar panels to a horizontal line towards the sun;

d. Buckle the two buttons on top and bottom in case it folded by the wind;

e. Mounting the charger on a stump or a tree with a screw and bracket;

f. Using the USB cable with output of mobile power bank to supply power for your cameras or other electricity products.

Note: Please unlock the buckle on the solar panel after use. Otherwise you can't   pack it up.

● Technical Specifications

Solar Panel

Dimension	folded：126*93*23mm unfolded：179*126*13mm
Weight	160g
Power	2.4W
Output Voltage	5V

Output Current	400mA（max）
Waterproof Rating	IP65
Working Temp.	-20—+80°C

Mobile Power Bank

Dimension	128*64*24mm
Weight	215g
Output	5V/2A 12V/1A
Battery	Lithium ion polymer
LED lighting Range	3m
Battery Capacity	7200mAh
Transfer Efficiency	80%~90%
Waterproof Rating	IP65
Circuit Protection	Over voltage/ Over current/ Short circuit
Security Authentication	FCC,CE, RoHS,

● Accessories

Part Name	Quantity
Solar panel	One
Mobile power bank	One
Product manual	One
USB cable	One
Cable for camera	One
Mounting bracket	One

● Abandonment Cautions

Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.