

# ***POWERTECH***

## **12V 5W Solar Folding Bag Charger**

**With USB Charging Port**

**MB-3649**



**User Manual**

## Specifications:

Panel:	Monocrystalline solar panel
Power Tolerance:	+/-5%
Maximum Power:	5W
Voltage at Pmax (Vmp):	17.4V
Current at Pmax (Imp):	0.29A
Open Circuit Voltage (Voc):	21.6V
Short Circuit Current (Isc):	0.32A
USB Output Power:	400mA max
USB Output Voltage:	5V
Dimensions:	190(L) folded - 610(L) extended x 175(H) x 42(D) mm

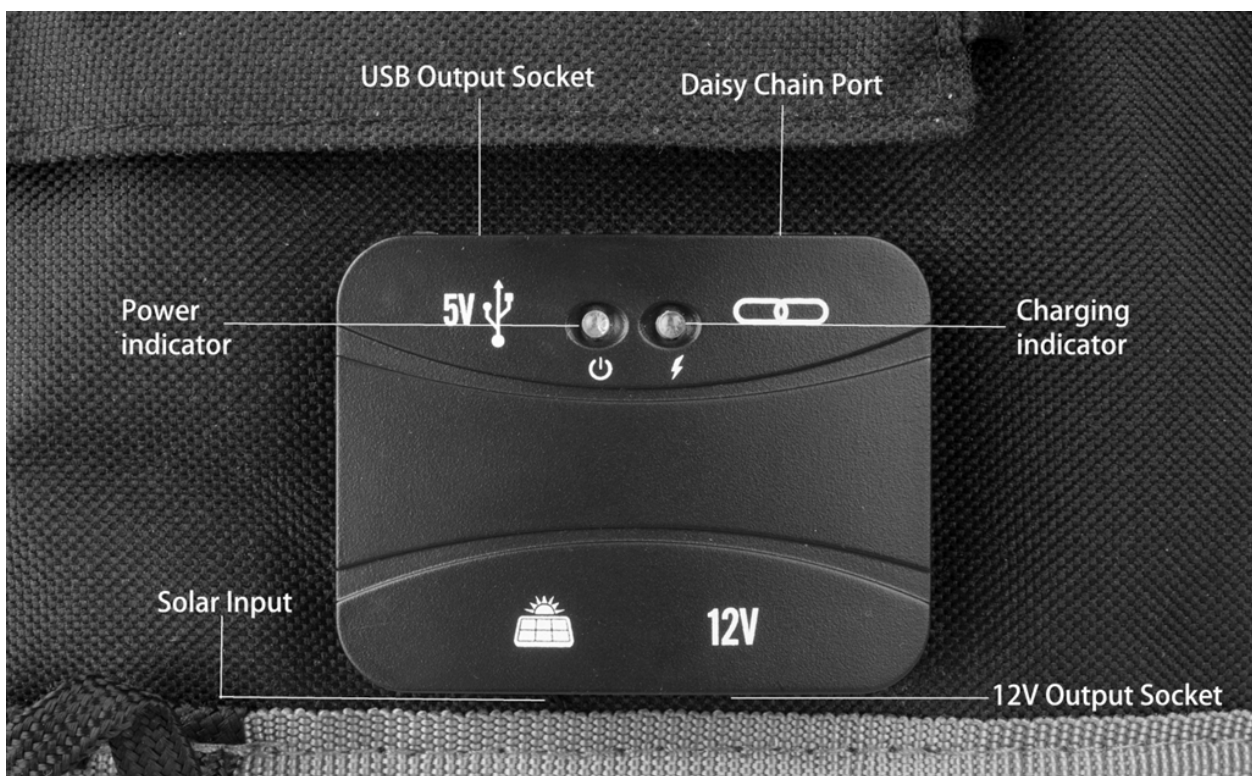
## Operating Instructions:

- Unfold the solar charger and peel the screen cover off the solar panel.
- Place the panel at a position that can receive direct sunlight and avoid shadows covering any part of the solar cells in the panel.
- Tilt the solar panel at a suitable angle to increase efficiency.
- Make sure the power indicator light comes on before connecting any devices to the charger.

## Features:

- Built in USB port to charge smartphones, tablets and other USB devices.
- 12V power port to power 12V devices or recharging 12 batteries.
- This unit has a chain port connection allows you to “daisy chain” up to 3 panels together in parallel to be able to power 12V devices with higher power consumption or charge bigger size batteries.

## Diagram:



## Accessories:



1 x Daisy Chain lead



1 x Cigarette lighter socket lead

## Troubleshooting:

If your solar panel is not working properly, please go through the following instructions for quick troubleshooting:

- Make sure the solar panel is facing direct sunlight.
- Make sure the connections are connected properly.
- Make sure the devices charging with this solar panel are compatible with the output voltages and correct polarity.
- Cloudy or rainy weather conditions might reduce the efficiency of this product

## NOTES:

- Do not get any part of the unit or its accessories wet.
- Do not attempt to open, modify or repair any part of the unit or its accessories.
- Please use this product in a well ventilated area.

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