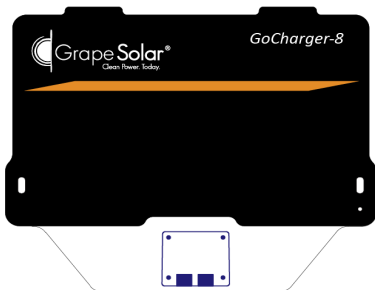


User Manual



GoCharger8

REV. 130820

Power pack User Manual

Thank you for purchasing the GoCharger8 portable solar panel. This solar panel will charge some electronic devices directly, under bright sunlight, but it is specifically designed to charge Grape Solar Portable Device Chargers. The Portable Device Chargers are designed to be an energy buffer between the panel and your device. Please read the manual carefully before using this product and be sure to keep this manual in a safe place for future reference.

Use Guidelines

- ◆ Please read this manual carefully before using the product.
- ◆ Be sure to select the proper USB connection adaptor when trying to connect your device.
- ◆ When the GoCharger is not in use disconnect all cables.
- ◆ Only use an adapter that matches the Output specifications of this solar panel. Using the wrong adapters may damage the device.

Safety Precautions

- ◆ Do not expose the GoCharger to prolonged high temperatures over 185°F (85°C).
- ◆ Do not try to modify the output port.
- ◆ Do not store or transport the device near sharp objects that may puncture or otherwise damage the solar cells.
- ◆ Keep GoCharger output port away from water. If the GoCharger output port becomes wet unplug any cables and thoroughly dry it.

Product Specifications

Electrical Characteristics:	Panel	USB
Maximum Power (Pm)	8.2W -0.45%/°C	7.79W +/-1%
Voltage at max power (Vmp)	6.6V	5.2V
Current at max power (Imp)	1.24A	1.49A +/-1%
Open circuit voltage (Voc)	7.8V -0.36%/°C	
Short circuit current (Isc)	1.32A -0.003%/°C	
Operating temperature	-40°C - +85°C NOCT 45°	
Cell Efficiency	15.5%	
Standard Test Conditions: Irradiance 1000W/m ² , 25°C, 1.5AM		

Mechanical Characteristics

Solar cell	CIGS
Number of cells/Connections	10=1x12pcs
Unfolded Product Dimensions	375mm * 260mm * 2mm
Folded Product Dimensions	260mm * 210mm * 16mm
Net weight	195g
Junction Box/Connector	dual USB Output
Warranty	1 year standard warranty
Fabric composition	100% nylon fabric + net pouch

Operation Guide

1. **Charging a Portable Device Charger or Portable Device**
 - 1-1 Connect your Grape Solar Portable Device Charger or portable device to the appropriate USB port (see diagram on page 4).
 - 1-2 Charge time may take several hours. For best results, maximize the surface of the panel exposed to the sun by pointing the panel directly at the sun.

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Dual USB Instruction

Port A: Auto-reboot in 10 seconds
(Optimized for Apple devices)
Port M: Manual-reboot
(Optimized for Android and power banks)

LED Status:

Green: Ready to go
Blue: Charging in good sunlight
Red: Charging in poor sunlight

CE FCC RoHS

