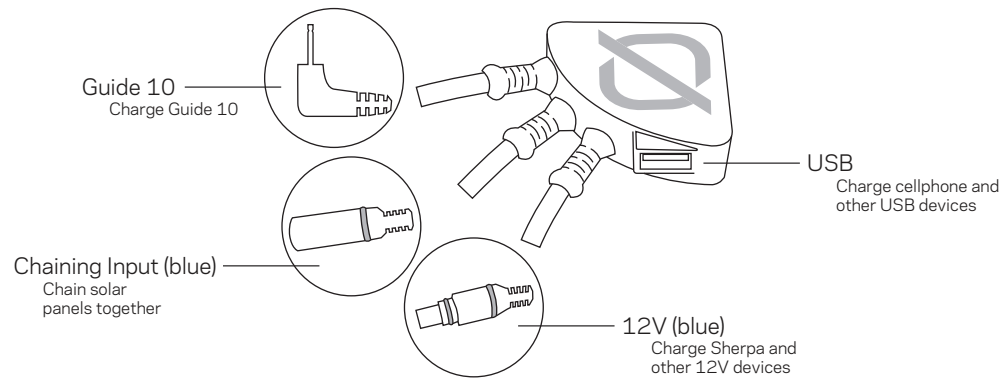


Technical Specifications	
Charging With:	Approximate Charge Times
GOAL ZERO Sherpa 50	6-12 hours
12V devices (satellite phone, GPS)	1-4 hours
USB devices (cell phone, MP3 player)	1-4 hours
Inputs	
Rated Wattage	13 W
Cell type	mono-crystalline
Open-circuit voltage	18-20V
Converting eff.	17-18%
Cell area	0.0755 m ²
Outputs	
USB output	5v, 0-1A (5W), regulated
12V DC output	13-15V, 0-1A (13W max), not regulated

General	
Weight	1.6 lbs (0.72 kg)
Dimensions	10.5 x 7 x 1 in (26.7 x 17.8 x 2.5 cm)
Warranty	12 months
Tested and Certified	FCC
Operating usage temperature	0-120F (-17-48C)

Power Port on Back of Solar Panel



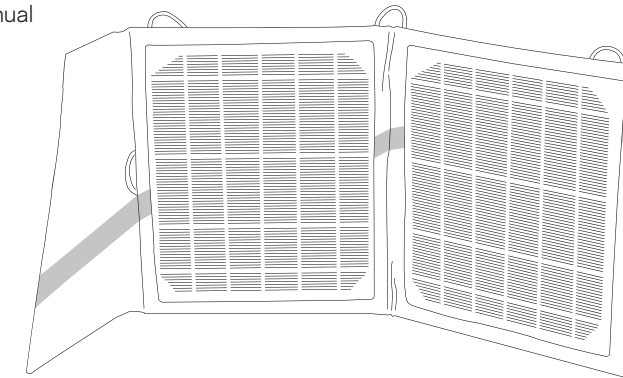
NOMAD¹³

PORTABLE SOLAR PANEL

User Guide



- Register your product
- Watch demo video
- Download user manual



Contact Us:
Toll Free: 888-794-6250
675 West 14600 South
Bluffdale, UT 84065
www.GOALZERO.com

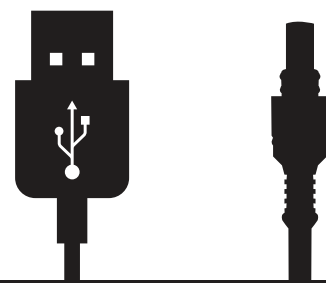
We proudly support Tifie Humanitarian
www.tifie.org

Know Your Gear



POWER

Plug in any USB or 12V device.



REPLENISH

To stay prepared keep devices plugged into USB or solar panel.

Frequently Asked Questions

Q: Does the solar panel hold a charge?

A: No, the panel produces power only when it is exposed to sunlight. To generate the most power, angle the panel towards the sun. This improves your ability to collect power from the sun. Note: Clouds and windows affect collection efficiency. If you would like to store solar power, combine the Nomad 13 with the Sherpa 50 Portable Recharger.

Q: What can I charge directly from the solar panel?

A: USB and 12V devices like cellphones, GPS and iPods. You can plug in a 12V device and a USB device at the same time, however, you will slow down the charge time for both devices.

Q: Is the solar panel waterproof?

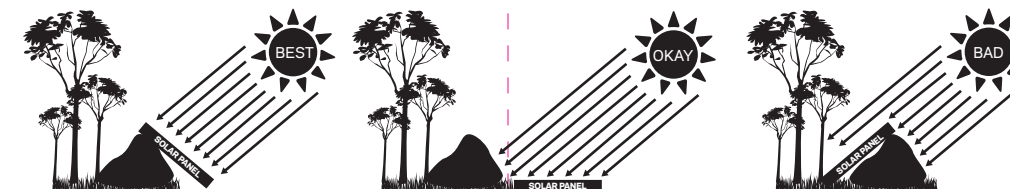
A: It is weather-resistant and will not be harmed if exposed to rain or snow.

Q: Why am I having trouble charging my cellphone?

A: Some phones require very specific and constant power. Try changing the angle of your panel and re-plugging in your phone. Most charging issues are overcome by incorporating a Goal Zero portable recharger like a Sherpa.

Q: Can I chain multiple solar panels together?

A: Yes. Chaining additional solar panels is a great way to charge your device from the sun in less time. You can chain up to four solar panels at once.



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