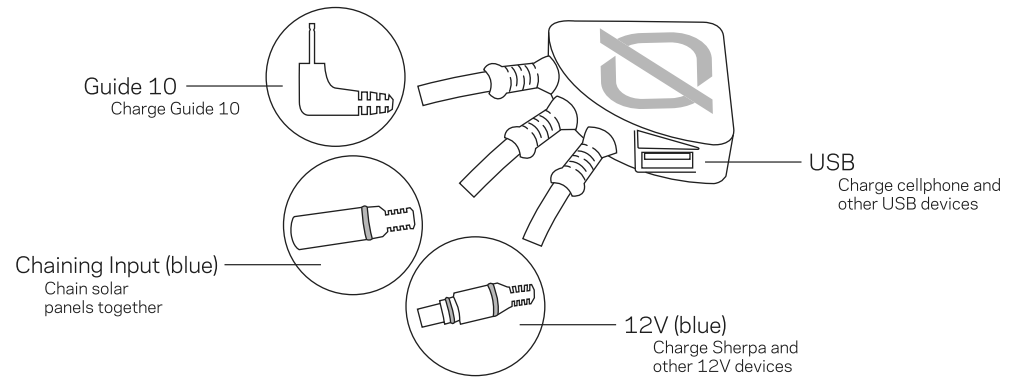


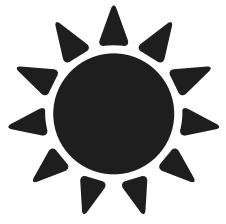
Technical Specifications	
<b>Charging With:</b>	<b>Approximate Charge Times</b>
GOAL ZERO Sherpa 50	6-12 hours
12V devices (satellite phone, GPS)	1-4 hours
USB devices (cell phone, MP3 player)	1-4 hours
<b>Inputs</b>	
Rated Wattage	13 W
Cell type	mono-crystalline
Open-circuit voltage	18-20V
Converting eff.	17-18%
Cell area	0.0755 m <sup>2</sup>
<b>Outputs</b>	
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

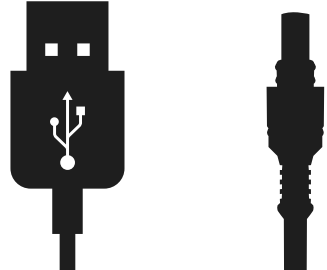


# Know Your Gear



## POWER

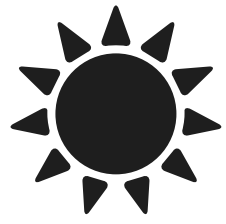
Plug in any USB or 12V device.



## CHARGE

From the sun.  
Angle the panel towards the sun.

1



## REPLENISH

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

3

### 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.

