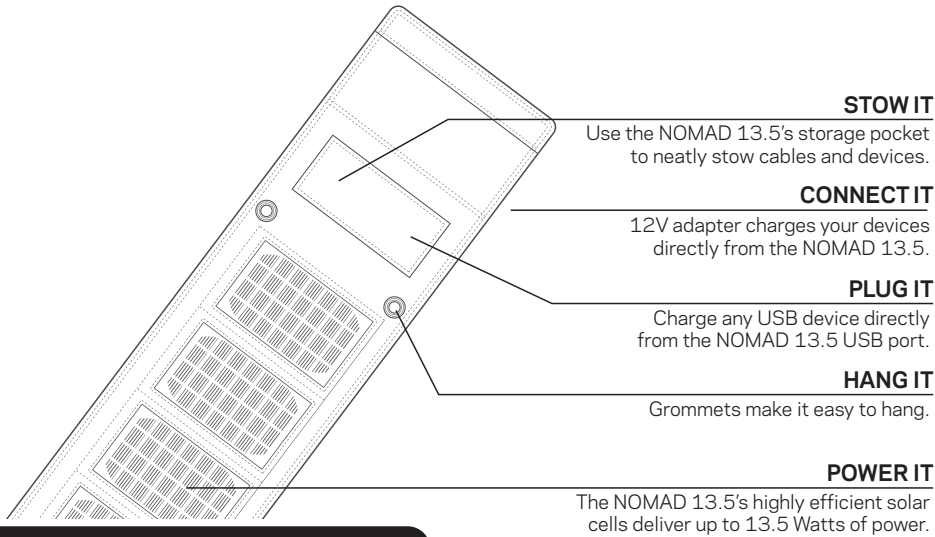


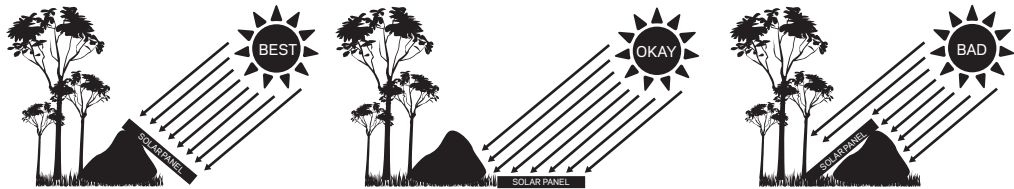
NOMADTM13.5
S O L A R P A N E L

Get to Know Your Gear



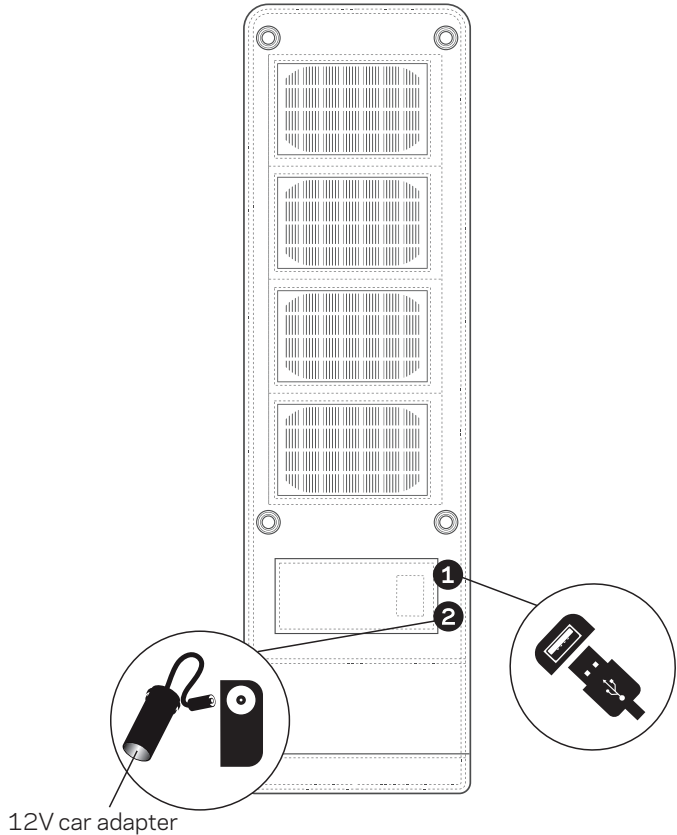
Getting Started

1. Be sure to **ACTIVATE YOUR WARRANTY** at www.GOALZERO.com/warranty
2. Open and remove protective film from solar cells.
3. Position and angle towards the sun (see below).
4. Plug your device into one of the NOMAD 13.5's charging ports.



How to Use Your Gear

- 1 **USB output port**
Accepts any standard USB cable for charging USB devices.
- 2 **Car adapter and 12V output port**
Connect the car adapter (included) to charge small 12V devices.



Technical Specs

Usage	
Charges the following: GOAL ZERO SHERPA 50 Cell phone, MP3 player Smart phone Not compatible with tablet computers, like iPad	Approx. charge time: 5-10 hours 1-3 hours 2-4 hours
Inputs	
Solar panel	Rated wattage: 13W Cell type: monocrystalline Open-circuit voltage: 18-20V Converting eff.: 17-18% Cell area: 0.0755 m²
Outputs	
USB output 12V DC output	5V, 0.5A max (5W), buck regulated 13-15V, 0.8A max (12W), not regulated
General	
Weight	1.6 lbs (0.72 kg)
Dimensions	10.5x7x1 in (26.7x17.8x2.5 cm)
Warranty	12 months
Certifications	FCC and CE
Operating Temperature	0-120 °F (-17-48 °C)

Comes With

12V car adapter

Frequently Asked Questions

What will my NOMAD 13.5 charge?

The NOMAD 13.5 will directly charge most USB and and 12V devices (not tablets).

Can I use the USB and 12V ports to charge devices simultaneously?

Yes. The NOMAD 13.5 will split the incoming solar power between the two ports to charge devices simultaneously. Some devices may not be compatible.

Why am I having trouble charging my smart phone?

Smart phones require very specific, consistent input. If your NOMAD 13.5 is angled perfectly, there shouldn't be an issue. However, most charging issues with a smart phone are made simpler by incorporating a GOAL ZERO power pack as an intermediary such as SHERPA 50.

Is the NOMAD 13.5 waterproof?

The NOMAD 13.5 is weather-resistant and will not be harmed if exposed to rain or snow.

What kind of solar cells do you use in the NOMAD 13.5?

We use state-of-the-art monocrystalline technology in the NOMAD 13.5 because it delivers more power per square inch than any other solar technology on the market.

Can the NOMAD 13.5 be chained with other NOMAD 13.5?

Yes, you can chain up to four NOMAD 13.5s.

What other GOAL ZERO products are compatible with the NOMAD 13.5?

The NOMAD 13.5 is built to be chained to the NOMAD 27 as well as the BOULDER 15 solar panel. The GUIDE 10, ROCK OUT speaker, and many other GOAL ZERO accessories are also built to accompany this device. We suggest that you always use GOAL ZERO cables and splitters when chaining devices together.

Compatible With

Most hand-held USB devices, like:

Cell phone Smart phone
GPS MP3 player

GOAL ZERO products:

GUIDE 10 PLUS battery pack ROCK OUT speaker
BOLT flashlight BLAZE headlamp
SHERPA 150

USER GUIDE



- Fill out your warranty
- Watch demo video
- Download this manual



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