NOMAD® 20

SOLAR PANEL

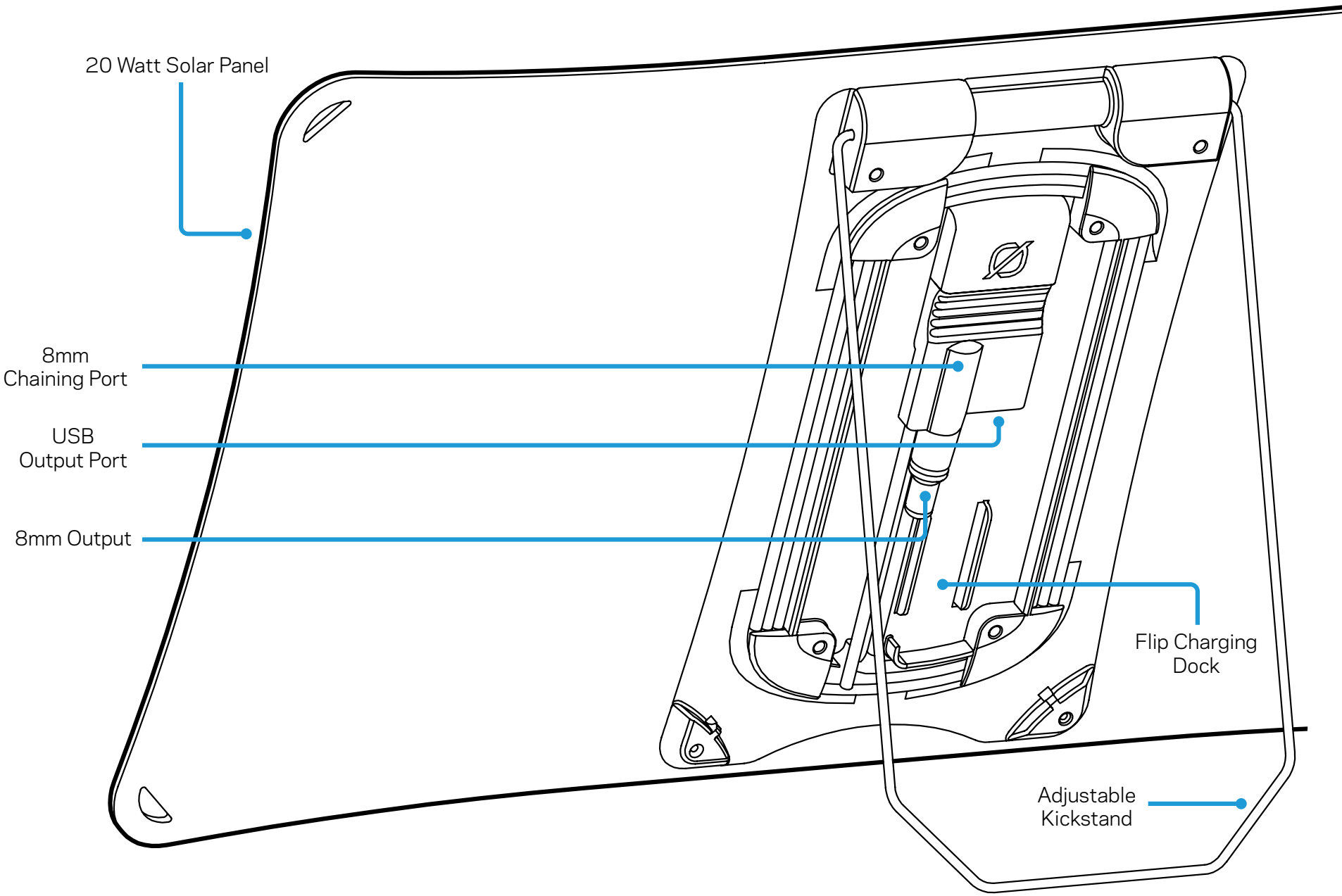
USER GUIDE

GOALZERO®

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GET TO KNOW YOUR GEAR

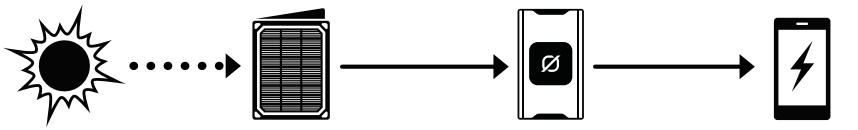


HOW IT WORKS

USB Charging

Charging phones, power banks and other USB-powered devices from the Nomad 20 is as easy as plugging in.

1. Open your Nomad 20 and unfold the panels.
2. Use the built-in kickstand to position the panel toward the sun.
3. Plug your phone or device into the USB port located on the back side of the panel and charge up.



COLLECT
Gather the sun's energy with the solar panel.

STORE
Plug a Goal Zero Power Bank or phone into the panel.

POWER
Charge gear anywhere.

8mm Charging

Charge a Sherpa Power Bank or small Goal Zero Yeti Power Station from the sun using the integrated 8mm solar charging cable.

1. Open your Nomad 20 and unfold the panels.
2. Plug the 8mm cable into the 8mm port located on your power bank or power station and charge up.

NOTE

A Goal Zero Flip power bank (sold separately) will fit securely into the Flip charging dock to collect and store power while on the move.

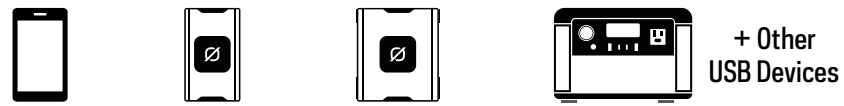
AUTO RESTART

In low light conditions (i.e. lack of sunlight, shadow, dusk, etc.), some devices, including smartphones, will automatically stop charging from a solar panel due to a low current input. The Nomad 20 features auto restart technology that knows the difference between a device that has reached a fully charged state and one that disconnects due to environmental causes. When the latter is detected, the Nomad 20 will automatically resume charging to start charging the device again. No extra work on your part is needed.

PRO TIP

When operating in low light conditions, we recommend pairing your solar panel with a portable power bank for the best charging experience possible. A Goal Zero Flip power bank (sold separately) will fit securely into the Nomad 20's integrated Flip charging dock and allow you to collect and store a continuous stream of power to charge your device.

WHAT IT POWERS



Phone

Sherpa 100PD

Sherpa 100AC

Goal Zero
Yeti 200X Lithium

+ Other USB Devices

CHAINING

Chaining panels is a great way to collect more power from the sun and recharge devices quicker. You can chain up to 150W of solar panels together. We recommend no more than four in a chain (see the NOTE below).

1. Plug the 8mm Charge Cable into another Nomad Solar Panel's 8mm input.
2. Using the 8mm Charge Cable of the final panel, plug into a Sherpa Power Bank or Goal Zero Yeti Portable Power Station. You could also plug into the USB port on the last panel to charge USB powered devices.

NOTE

After four solar panels are chained together, you might notice something called line loss, which has to do with the loss of voltages over long distances. The farther the power has to travel through cables, from panel to panel, the more power you will lose.

FREQUENTLY ASKED QUESTIONS

Q: Is the Nomad 20 waterproof?
A: The best answer: it's weatherproof. We've gone to great lengths to ruggedize the Nomad 20; including beefing up the manufacturing process with advanced lamination techniques so it'll slough off rain and snow.

Q: Does the Nomad 20 have a built-in battery?
A: No. In order to make the Nomad 20 as lightweight as possible, we chose to sell batteries as an optional accessory. You can either plug your phone or device into the Nomad 20 to charge up directly from the sun, or pair the panel with one of our power banks to collect and store power for later. The Nomad 20 works seamlessly with our line of ultra-portable Flip Power Banks, versatile Sherpa Power Banks, or small Yeti Power Stations.

Q: Is this chainable with other Nomad panels?
A: Yes, but only on some Goal Zero Nomad Solar Panels. You can plug the Charge Cable into the chaining ports on Nomad 20 Solar Panels and larger.

TECHNICAL SPECIFICATIONS

Nomad 20 Solar Panel	
Solar Panel:	
Rated Power	20W
Open Circuit Voltage Voc	18-22V
Cell Type	Monocrystalline
Ports:	
8mm Port	14-22V, up to 1.3A (20W max)
USB Port	5V, up to 2.1A (10.5W max)
General:	
Weight	2.28 lbs (1.03 kg)
Dimensions (unfolded)	11.5 x 21.75 x 0.75 in (29.2 x 55.3 x 1.9 cm)
Dimensions (folded)	11.5 x 7.4 x 1.25 in (29.2 x 19 x 3.2 cm)
Certs	
Warranty	12 Months

Be sure to activate your warranty at goalzero.com/warranty