**Technical Specifications**

**Charging/With** | **Approximate Charge Times**
--- | ---
Vin 10V | 17-24 hrs
Vin 14.8V | 10-12 hrs
Vin 16.8V | 8-10 hrs

**General**
- **Weight**: 2.5 lbs (1.1kg)
- **Dimensions (unfolded)**: 30.5 x 13 x 1 in (77.5 x 33 x 2.5 cm)
- **Dimensions (folded)**: 8.5 x 13 x 1 in (21.6 x 33 x 2.5 cm)
- **Warranty**: 12 months
- **Certs**:
  - **Warranty**: 12 months

**Power Port on Back of Solar Panel**
- **Mini Solar Charge Guide 19**
- **Charging Input (Blue)**: Charge panel together
- **12V blue**: Charge panel with other 12V devices
- **USB**: Charge cell phones and other USB devices

**Know Your Gear**

**User Guide**

**Contact Us**
- **Phone**: 888-786-6250
- **Email**: support@goalzero.com
- **Website**: www.goalzero.com

Be sure to activate your warranty at goalzero.com/warranty.
POWER
Plug in any USB or 12V device.

CHARGE
From the sun, angle the panel towards the sun.

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 20 with the Sherpa Power Pack Portable Recharger.

Q: What can I charge directly from the solar panel?
A: USB and 12V devices like phones, GPS, and iPods. As well as Goal Zero Power Packs and Solar Generators. 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 phone?
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.