

SHERPA™ 120

POWER PACK

Get to Know Your Gear



SECURE IT

Steel loops allow you to safely attach your SHERPA 120 anywhere you need it.

CHARGE IT

The SHERPA 120 can be powered completely from solar power. Recommended for usage with the NOMAD 27 or larger solar panel.

USE IT

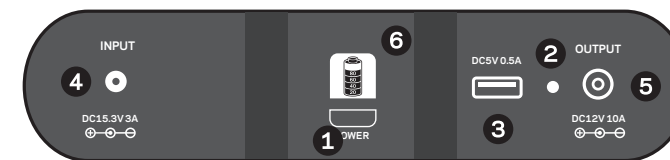
Power any USB or 12V device off the SHERPA 120. (Some devices may require a GOAL ZERO universal inverter)

Getting Started

1. Be sure to ACTIVATE YOUR WARRANTY at www.GOALZERO.com/warranty
2. Charge your SHERPA through the input port.
3. Recharge from any GOAL ZERO NOMAD 13.5 or greater, or AC power source.

How to Use Your Gear

- 1 **Power switch**
Push power button on/off.
- 2 **Power LED**
Indicates SHERPA is on. See legend below.
- 3 **USB output port**
Accepts any standard USB cable for charging USB devices. Turn on with power switch.
- 4 **Input port**
Recharge quickly from GOAL ZERO solar panels (NOMAD 13.5 or greater).
- 5 **12v output port**
Connect car adaptor (included) to power 12v devices
- 6 **Battery indicator**
Displays battery charge level in 20% increments.



Technical Specs

Usage	
Charges from the following:	Approx. charge time:
AC wall charger	3-4 hours
12V car charger	4-6 hours
GOAL ZERO Nomad 27	5-10 hours
Shelf Life	charge every 3-4 months
Chainable	yes, with other Sherpas
Inputs	
Charging port (4.7mm)	15-16V, 3A max (45W)
Outputs	
USB port	5V, 0.5A (2.5W), buck regulated
12V port (6.0mm, front)	11-14V, 10A max (120W), not regulated
Chaining port (8.0mm, rear)	11-14V, 10A max (120W), not regulated
AC Inverter (sold separately)	100W, modified-sine wave user-switchable 110/220VAC
Internal	
Battery type	Lithium Iron Phosphate (LiFe)
Battery capacity	120Wh (4x 3.2V, 10Ah cells)
Battery voltage range	11-14.4V
Life-span	thousands of cycles
Fuses	20A, standard car fuse (protects output)
Hibernate mode	engages after 500 hours to save battery
General	
Weight	3.7 lbs (1.68 kgs)
Dimensions	9x6x2 in (22.9x15.2x5 cm)
Warranty	12 months
Tested and Certified	FCC and CE
Operating useage temp.	32-104°F (0°-40°C)
Optimal storage temp.	70°F (21°C)

Frequently Asked Questions

How do I know I have a full charge?

The battery indicator on the LCD display shows how much charge is left in the battery. If the battery is completely shaded in, it is full.

Is it waterproof?

The SHERPA power pack will hold up in inclement weather, but is not waterproof. Make sure the ports are dry before using the device again.

How long can the battery go without being recharged?

If not used, your SHERPA battery should be powered at least once every 3 months.

Can SHERPA power packs be chained together?

Yes. Up to 4 power packs can be chained together for increased power storage.

What kind of battery is in the SHERPA power pack?

It is a LiFe (Lithium Iron Phosphate) battery.

Comes With:

AC wall charger
12V female adapter

Compatible With:

Most hand-held USB and 12v devices, like:

Cell phone
Smart phone
GPS
Tablet
Laptop (recharging through USB)

GOAL ZERO products:

NOMAD solar panels
LIGHT-A-LIFE light
LUNA light
BOLT flashlight
BLAZE headlamp

USER GUIDE
SHERPA 120
POWER PACK

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



CONTACT US:

Toll Free: 888.794.6250
14864 Pony Express Road
Bluffdale, UT, 84065

WWW.GOALZERO.COM

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