

A hiker with a large backpack and trekking poles is ascending a rocky mountain trail. The hiker is wearing a blue and orange jacket, dark pants, and red gaiters. The background shows a rugged, rocky mountain landscape under a hazy sky.

GOALØ™
ELITE

NOMAD™_{27m}
Reference Guide

Please read this guide BEFORE you use your gear!

Technical Specifications

ELITE

Input

27 Watt mono-crystalline solar technology

Output

Open circuit voltage: 18V

Charging voltage: 12V±2V

DC 4.7 Male output to charge

SHERPA power packs

Included Accessories

Three (3) aluminum stiffening rods

Product weight (no pkg) 3.4 lbs

Product dimensions 11" x 7" x 2"

Warranty Twelve months

Operating Temperatures

Optimal Operating Temperature 32-86F

Optimal Storage Temperature 32-104F



Tested and certified

Before using your NOMAD 27M for the first time, please follow these simple steps.

1. Activate your warranty by registering your GOAL ZERO gear at <http://www.goal0.com/warranty>
2. Open the NOMAD 27M by unfolding its fabric case.
3. Remove the clear protective coverings from solar cells.
4. Locate the NOMAD's stiffening rods in its internal pocket.
5. Position the NOMAD at an angle that faces the sun.
6. Plug the NOMAD's charging cable into your GOAL ZERO power pack.




You are now ready to power up!

Hint: The NOMAD's performance is enhanced if you occasionally adjust it's angle to follow the path of the sun. You can actually increase production by 200 to 400% by angling the NOMAD properly.

When you're off the grid you need to know how long it will really take to power up. You don't want numbers that come out of a laboratory based on perfect conditions. At GOAL ZERO all of our gear is field tested with an independent team of extreme adventurers that span from alpinists to ocean rowers. The charging times listed here come from countless hours of real world testing. That's why we call it TruWatt™ - real numbers that you can count on.

The TruWatt™ Power Grid

CHARGING TIMES (IN HOURS)

BATTERY			
Sherpa 50	1.5	4.5	15
Sherpa 120	4	10	36
Scout 150	4.5	13	45
Ranger 350	6	31	100

To achieve these charging times you will need a total of one Nomad 27M panel.

SECURE IT

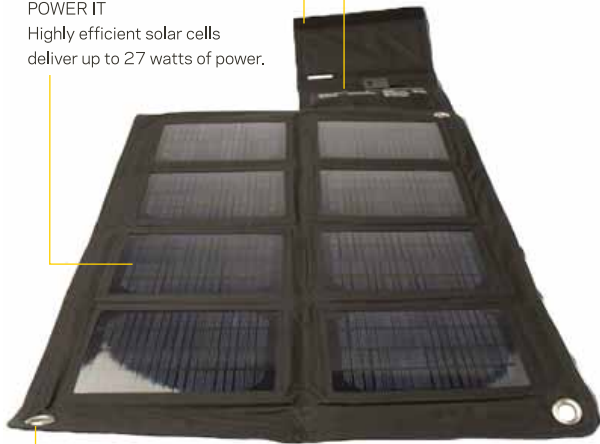
Use the velcro strap to keep the NOMAD tightly packaged up.

POWER IT

Highly efficient solar cells deliver up to 27 watts of power.

STOW IT

Use the NOMAD's internal pocket to neatly stow the stiffening rods and its charging cable.



LET IT HANG

Use the convenient grommets on the NOMAD to secure it virtually anywhere.

Q- Is the NOMAD waterproof?

A-No. The NOMAD is weather resistant. Just remember you are powering electronics and those devices may not be waterproof. Do not submerge.

Q- Does the NOMAD deliver a full 27 watts?

A-The NOMAD can deliver up to 27 watts of power but the angle of the NOMAD and cloud cover can impact its performance. Try to keep the NOMAD out of the shade and adjust its angle to the sun as the day passes to maximize performance.

Q- Can I chain multiple NOMAD panels together?

A-Yes. With a GOAL ZERO accessory adapter you can charge your power packs faster by chaining NOMAD's together. The panel chaining accessory can be purchased at <http://www.goal0.com>.

Q- Are the NOMAD's solar cells flexible?

A-No. They can handle some stress but they should not be bent. Bending the solar cells will break them.

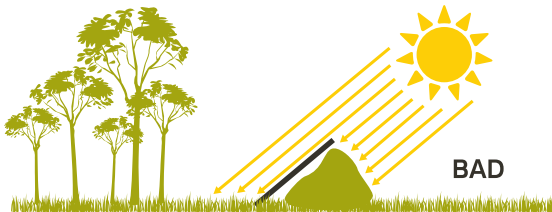
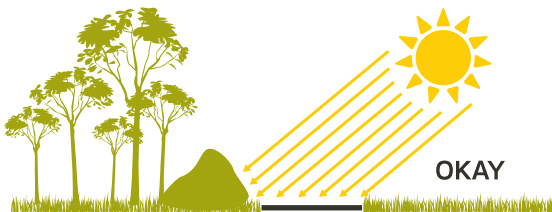
Q- If I lose one of stiffening rods can it be replaced?

A-Yes. Additional stiffening rods and other accessories can be ordered at www.goal0.com.

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

A-We use the latest mono-crystalline technology in the NOMAD. Why? It provides more power, faster, per square inch than any other solar technology on the market.

Optimize the performance of your GOAL ZERO solar gear by angling it correctly to the sun.



SHERPA POWER PACKS

From uncharted territory to areas with inconsistent power, this lightweight, compact rechargeable and chainable power pack offers even more power to go everywhere.



NOMAD FOLDABLE FABRIC PANELS

When space is tight and every ounce counts, this compact, chainable and foldable fabric solar panel system packs the perfect power source for every adventure.



ESTRELLA Cree LED LIGHT

With the ESTRELLA's low power draw, you can keep the trail, campsite or tent lit for hours at a time. Chain multiple Estrellas together for even more light.



SHERPA UI - INVERTER

The SHERPA UI taps into the ELITE line of power packs and enables you to charge AC devices that can typically only draw power from a wall outlet.



Available at www.goal0.com.



Did You Know...

By purchasing GOAL ZERO gear you are helping to sustain the philanthropic initiatives of Tifie Humanitarian. In fact, GOAL ZERO was originally created to provide light in schools and orphanages across Africa. We invite you to learn more about our charity of choice by visiting Tifie's website at:

www.tifie.org

Join Tifie and GOAL ZERO on **facebook**.

GOAL 
ELITE

Please call us at 888-794-6250
if you have any additional questions.