

GUIDE[®]12

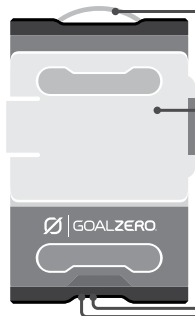
RECHARGER

USER GUIDE

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GET TO KNOW YOUR GEAR



HANG IT

Sturdy hanging wire provides convenient storage options.

PROTECT IT

Batteries are housed securely behind a transparent door.

POWER IT

Power portable electronic devices directly from the USB output port.

LIGHT IT

Equipped with a bright LED flashlight, which never needs replacing.

- 1** **Battery Indicator Lights**
Scroll when charging
4 solid blue when full
- 2** **Flashlight ON/OFF**
Hold for approx 5 seconds
- 3** **LED Flashlight**
100mW, white LED, 1 Lumen
- 4** **USB- A Output**
5V, up to 2A (10W max), regulated
- 5** **USB- C input**
5V, up to 1A (5W max)



WHAT'S IN THE BOX

Guide 12
4x AA Batteries (NiMH Rechargeable)
USB-A To USB-C Charge Cable
AAA Tray Insert (AAA Batteries Sold Separately)

HOW IT WORKS

Use the new Guide 12 Plus to charge AA and AAA (NiMH) rechargeable batteries. Recharge from the sun using the Nomad 5 solar panel or any USB port. The rechargeable battery pack can also be used to power your phone, wearables, GPS, or boost your tablet in a pinch. Guide 12 features a 12Wh (4.8V, 2500mAh) battery capacity (AA), USB-C input/USB-A output ports, and built-in LED flashlight.

Compatible with:

- USB devices such as phones, GPS, headlamps, POV cameras.
- Goal Zero Lights: Light-a-Life Mini, Lighthouse Micro Flash, Crush Light, Crush Light Chroma.

The Guide 12 has two charging modes. One for AA (default out of the box) and one for AAA. To switch between them quick press the BATT CHECK/LIGHT button 3 times. If all 4 LEDs blink 5 times the Guide 12 is in AA mode. If LEDs 1 & 2 blink 5 times the Guide 12 is in AAA mode. The charging current for AA batteries is 800mA and the charging current for AAA batteries is 400mA. The max output for both types of batteries is 5V, 2A (10W max)

When charging the LEDs will scroll when battery is fully charged, all four lights stay on.

NOTE: If you are in the wrong charging mode the indicator lights will be inaccurate.

NOTE: When inserting batteries into the Guide 12 and pressing the BATT CHECK/LIGHT button only one LED light will display until the unit has been fully charged. To check the battery level after they are fully charged, press the BATT CHECK/LIGHT button and the unit will display approximate charge level by displaying 1,2,3 or 4 LEDs.

Battery indicator is also the button for turning on flashlight. Hold for approx 5 seconds to turn on/off.

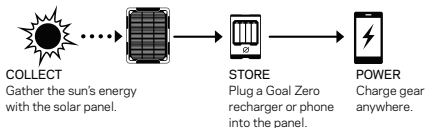
All 4 batteries must be inserted in order to function.

WARNING: Make sure the batteries are inserted correctly. Match + and - of battery to internal markings of the Guide 12.

Charging From Solar:

Charging phones, batteries, and other USB-powered devices from the Nomad 5 is as easy as plugging in.

1. Use the built-in kickstand to position the panel toward the sun.
2. Plug your phone or Guide 12 into the USB port located on the back side of the panel and charge up.



FREQUENTLY ASKED QUESTIONS

Q: What battery types can be used?

A: Any AA or AAA NiMH rechargeable batteries can be used and recharged. Four same-sized batteries must be inserted for use.

Q: How do I charge?

A: From solar: use Goal Zero Nomad Solar Panels with included USB-A to USB-C cable.
From USB: use any USB power source like a wall adapter or computer.

Q: Is the Guide 12 waterproof?

A: No, but it is weather-resistant. Care should be taken to shield it from direct sunlight and the elements.

Q: How is it protected?

A: Usage is plug-and-play. The built-in battery management system prevents over-charging and over-discharging of batteries. The USB output will only supply the amount of power needed.

Q: Why is only one LED light displaying?

A: When a battery is replaced in the unit it will only show one LED until the unit is fully recharged. Then when discharging the Guide 12 you are able to press the button to see if 1,2,3, or 4 lights are showing to determine how much capacity is left.

Q: Why isn't the Guide 12 charging my device when I plug it in?

A: Try pressing the BATT CHECK/LIGHT button to initiate charge. Confirm that the Batteries in Guide 12 are oriented correctly and fully charged.

PRO TIPS

Nickel Metal Hydride (NiMH) batteries often will need to be cycled 3-5 times to reach peak performance and capacity.

To get the most out of your NiMH batteries keep them charging when not in use and cycle them every 3-4 months.

Use certified cables for the device you are charging.

For larger devices like cell phones we recommend using AA batteries. They have more capacity than AAA batteries.

TECHNICAL SPECIFICATIONS

CHARGE TIMES:

Goal Zero Nomad 5	4-8 hrs
Goal Zero Nomad 10	4-5 hrs
USB Source	4 hrs

BATTERY:

Cell chemistry	NiMH
Pack capacity	12.0Wh (4.8V, 2500mAh)
Single cell equivalent capacity	10,000mAh at 1.2V
Lifecycles	500 cycles
Shelf-life	Keep plugged in, or charge every 3-6 months
Management system	Charging and low-battery protection built-in




LIGHT:

LED (output)	100mW, white LED
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PORTS:

USB-A port (output)	5V, up to 2A (10W max), regulated
USB-C port (input)	5V, up to 1A (5W max)

GENERAL:

Chainable	No
Weight (w/ batteries)	6.4 oz (181 g)
Dimensions	2.5 x 4 x 0.75 in (6.4 x 10.2 x 1.9 cm)
Operating usage temp.	32-104 F (0-40 C)
Certs	  
Warranty	12 months

GOAL ZERO HEADQUARTERS

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Designed in the U.S.A.
Made in China

Nomad is a trademark of Goal Zero.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.