

THERE ARE 3 WAYS TO CHARGE YOUR GOAL ZERO YETI 400:

The Sun

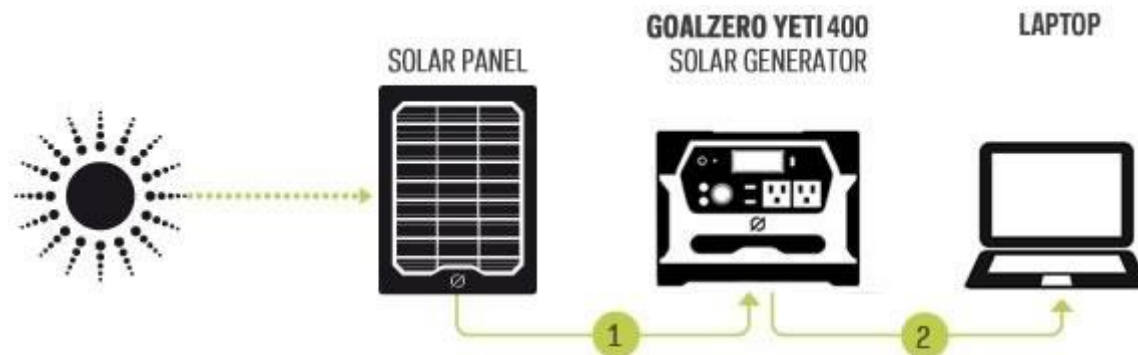
The Goal Zero Yeti 400 can be charged by connecting a compatible solar panel (see the chart below for solar compatibility).

Wall

The Goal Zero Yeti 400 can be charged by being plugged into a regular wall outlet.

Car

The Goal Zero Yeti 400 can also be charged by plugging into your car 12V adapter.



1 Solar charge the Goal Zero Yeti 400

2 Recharge your laptop 5+ times from the Goal Zero Yeti 400

NOTE: Charge Goal Zero Yeti 400 Solar Generator from the wall in 5 hours. Solar recharge times depend on weather conditions.

FREQUENTLY ASKED QUESTIONS

Q: What type of battery is in the Yeti 400?

A: The Yeti 400 uses a 12V, 33Ah sealed lead-acid battery (AGM), and similar to what is found in your car. Here are some basic facts about AGM batteries:

*AGM batteries should be kept full at all times.

*AGM batteries last longer if you do not drain them completely. This stems from the "battery memory myth" in old rechargeable batteries.

Q: How do I know if my Yeti 400 is charged?

A: To check the charge level of the Yeti 400, refer to the LCD Battery Display. When lit up, you'll see a battery outline with 5 segments, indicating the current charge level. You can turn on the Battery Display by pushing one of the power buttons above each output port. It is ok to use your Yeti 400 even when it's not fully charged.

Q: My Yeti 400 is beeping, what does that mean?

A: Plug your Yeti 400 into a power source, like a solar panel or outlet, as soon as possible. This chirping is to alert you that your Yeti 400's battery is low and needs to be charged.

Q: Can I take my Yeti 400 on a plane?

A: You sure can, although it is a bit heavy. The Yeti 400 contains an advanced, sealed lead-acid battery that is completely safe to bring along on your flight. Bring along your user manual to show the type of battery inside.

Q: Is the battery inside my Yeti 400 replaceable?

Q: Can I power devices from the Anderson Power Pole ports on the side of the Yeti 400?

A: No. There is no under-voltage protection built into the Anderson PowerPole ports on the side of the Yeti 400, meaning if you try to power devices from these ports you could damage the battery. These ports are meant for chaining other Yeti 400's or Extreme 350's for longer runtimes.

Q: What does a pure-sine wave inverter mean?

A: When it comes to power, you might have heard the letters DC and AC thrown around. DC stands for Direct Current, and is the only type of power that can be stored in a battery. AC stands for Alternating Current, which is the type of power your devices use when they're plugged into the wall. An inverter is required to change DC output to AC output and requires a small amount of power for the change. You can see this by turning on the AC port and looking at the output on the LCD display.

A pure-sine wave inverter, like the one found in your Yeti 400, produces an output that is exactly the same as supplied by an AC wall plug in your house. Although integrating a pure-sine wave inverter takes more components, it produces power output that makes it compatible with almost all AC electric devices you use in your house.

So in the end, the pure-sine wave inverter allows your Yeti 400 to safely power almost everything under 400 Watts in your house that you would normally plug into the wall.

Q: How do I know if my device will work with the Yeti 400?

A: Yes. Your Yeti 400 depends on an advanced lead-acid battery to power your gear, and like all other batteries, one day it will make the journey to the battery graveyard. Lucky for you, the Yeti 400's battery is replaceable.

Q: What do the different display options mean?

A: Your Yeti 400's LCD display is an advanced feature designed to help you better understand power and monitor your consumption. In Input side reflects the amount of power your Yeti 400 is receiving while it's charging. The Output side indicates the amount of power the devices you have plugged in are pulling out of the Yeti 400 - in the form of Amps, Volts, Watts, Amp Hours and Watt Hours.

You can use the numbers displayed in Watts to estimate runtimes. For example, if you have a light plugged in that is pulling 100W, you can estimate the Yeti 400 will run the light for about 4 hours (Yeti Wh/Device W = runtime in hours; 400/100 = 4 hours).

Watt Hours (Wh) and Amp Hours (Ah) represent the amount of power being pulled per hour. This number continues to accumulate with each use of your Yeti and can be manually reset whenever desired.

A: First, you'll need to determine the amount of power your device requires. This may require some research on you end, a good online search or reading the user guide for your device should suffice. To be compatible with the Yeti 400, you should use devices that require less than 300W.

Second, you will need to check the capacity for the individual output ports. For example, the AC port is monitored by an inverter that allows for 300W of continuous power. This means if your device is pulling more than 300W for an extended period of time, the Yeti 400's inverter will shut off.

Once you know your device is compatible, you'll want to determine how long you'll be able to power your gear from the Yeti 400.

Q: How long will the Yeti 400 run my device?

A: All Goal Zero rechargers have number in their name. These numbers refer to the Wall Hours (Wh), or the amount of energy that can be stored in each battery, and can help estimate how long your gear will run from each recharger. For example, a 400Wh battery should run a 100W light for 4 hours (400/100=4). If your gear falls within the 400Wh capacity of the Yeti 400, you'll want to check the restrictions on each of the output ports.

CHARGE TIMES

<i>Charging From:</i>	<u>Switch 8 Switch 10</u>	<u>Guide 10 Plus</u>	<u>Sherpa 50</u>	<u>Sherpa 100</u>	<u>Yeti 150</u>	<u>Yeti 400</u>	<u>Yeti 1250</u>
USB	4 Hours	6-10 Hours	N/A	N/A	N/A	N/A	N/A
Wall	N/A	N/A	3 Hours	3 Hours	6 Hours	5 Hours	16-20 Hours
Car	N/A	N/A	3 Hours	4 Hours	8 Hours	13 Hours	40+ Hours
<u>Nomad 7 Solar Panel</u>	4-8 Hours	3-6 Hours	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended
<u>Nomad 13 Solar Panel</u>	4 Hours	2.5-5 Hours	8-16 Hours	15-30 Hours	26-52 Hours	Not Recommended	Not Recommended
<u>Nomad 20 Solar Panel</u>	4 Hours	2.5-5 Hours	6-12 Hours	10-20 Hours	17-34 Hours	40-80 hours	125-250 hours
<u>Boulder 15 Solar Panel</u>	Not Compatible	Not Compatible	8-16 Hours	13-26 Hours	22-44 Hours	53-106 hours	Not Recommended
<u>Boulder 30 Solar Panel</u>	Not Compatible	Not Compatible	4-8 Hours	7-14 Hours	11-22 Hours	26-52 Hours	80-160 Hours
<u>Escape 30 Briefcase</u>	Not Compatible	Not Compatible	4-8 Hours	7-14 Hours	11-22 Hours	26-52 Hours	80-160 Hours

Boulder 90 Solar Panel

Not Compatible

Not Compatible

1-3 Hours

3-6 Hours

3-6 Hours

9-18 Hours

27-54 Hours

POWERING

THE GOAL ZERO YETI 400 POWERS YOUR DEVICE IN 3 WAYS:

USB - The USB port best charges all your medium size USB powered devices.

12V - The 12V best charges all your medium 12V powered devices.

AC Inverter - Plug in your device just as you would the wall.

HOW LONG WILL IT TAKE TO CHARGE YOUR DEVICE FROM GOAL ZERO POWER PACKS?

It takes the same amount of time to charge your device from a Goal Zero power pack as it does from the wall.

BEST-USE STRATEGY

When recharging gear with your Yeti 400, take note of the LCD Battery Display. If you plug in devices that have a high power requirement, the charge level of your Yeti 400 can drop quickly and you may not get exactly 400Wh of power. On the flipside, if you're recharging devices that draw power more slowly (a tablet), you will get closer to 400Wh from your Yeti 400. If you're experiencing shorter runtimes, you may want to check the device's power requirements.

COLD WEATHER USAGE

Cold temperatures (below freezing) can impact Yeti 400's battery capacity. If you'll be living off-grid in sub-zero conditions, we recommend keeping your Yeti 400 in an insulated cooler, and connected to a power source (solar panels). The natural heat generated by the Yeti 400 contained in an insulated cooler will keep battery capacity at its highest.

STORAGE AND DOWNTIME MAINTENANCE

Having your Yeti 400 connected to a power source, like a solar panel or wall outlet, between adventures or while in storage keeps its battery healthy and topped off. This prolongs battery life and will ensure your Yeti 400 is charged and ready to go all day, every day.

If you can't keep your Yeti 400 plugged into a power source during storage, fully charge your Yeti 400 every 3 months and store it in a cool, dry place. Failure to maintain your Yeti 400 by following these steps can result in battery damage which will void the product warranty.

CHAINING YOUR YETI

You can chain your Yeti 400 to other Yeti 400's to extend runtimes.

When additional batteries are chained to the Yeti 400, you will experience increased charge times - this is a result of having to charge up the chained batteries in addition to the Yeti 400.

**The Yeti 400 is NOT chainable with the Yeti 1250 - the internal batteries are not the same size. You can chain the Yeti 400 to the discontinued Extreme 350 Power Pack.

HOW MANY TIMES WILL OUR BATTERIES CHARGE YOUR DEVICE?

<i>Charges:</i>	<u>Switch 8</u>	<u>Guide 10 Plus Switch 10</u>	<u>Sherpa 50</u>	<u>Sherpa 100</u>	<u>Yeti 150</u>	<u>Yeti 400</u>	<u>Yeti 1250</u>
Headlamp (4 Watt-Hours)	2 Charges	2 Charges	12 Charges	25 Charges	37 Charges	100 Charges	300+ Charges
Smartphone (5-7 Watt-Hours)	1 Charge	1 Charge	7 Charges	14 Charges	15 Charges	30+ Charges	100+ Charges
GoPro® (5 Watt-Hours)	1-2 Charges	1-2 Charges	9 Charges	18 Charges	25 Charges	70+ Charges	200+ Charges
Digital Camera (8 Watt-Hours)	1 Charge	1 Charge	5 Charges	10 Charges	12 Charges	20+ Charges	100+ Charges
Tablet (25-42 Watt-Hours)	25% Boost	25% Boost	1-2 Charges	2-4 Charges	6 Charges	10+ Charges	45+ Charges
Laptop (50 Watt-Hours)	N/A	N/A	1 Charge	1-2 Charges	1-2 Charges	3-5 Charges	20+ Charges