

gosun[®] POWER 144[™]

User Manual



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Manual de usuario en Español

Manuel d'utilisation en Français

Gebruikershandleiding auf Deutsch

日本語のユーザーマニュアル

中文用户手册



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What's included?

Power 144 Powerbank
40W AC wall Charaer
User Manual

Padded Carruina Pouch
DC Output Cable
QTY 4: DC Output Ports

Tech Specs

Model

Powerbank 144

Capacity

144Wh / 12Ah @ 12V (38,000mAh @ 3.7V)

Input

AC Adapter: 20V 2A

Output USB-A ports

5V 2.4A, 5V/1A and 5V/2.1A USB Ports

Cigarette Lighter Socket

12V / 15A (max)

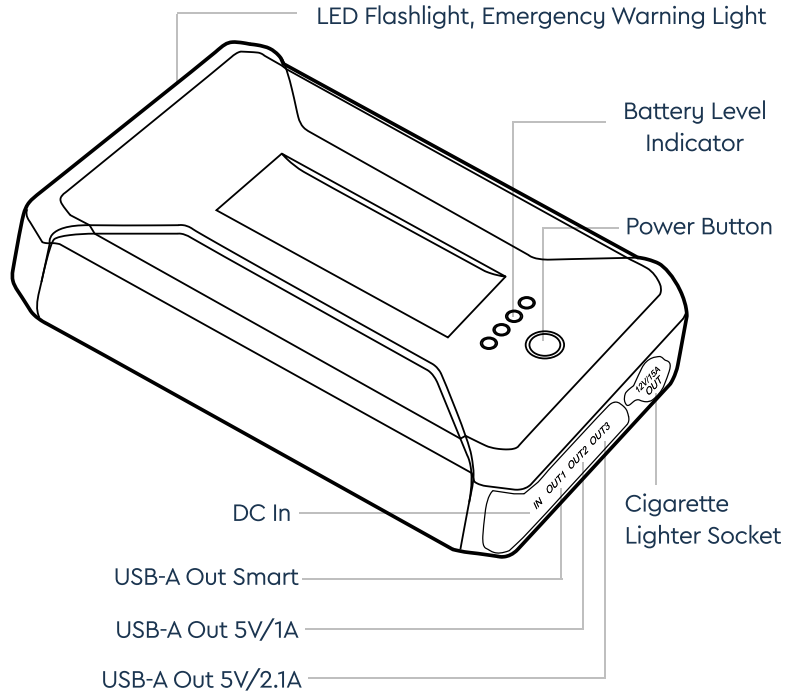
Size

175mm X 105mm X 42mm

Weight

2.15lbs(975 g)

Identification of Parts



Charging Your Power 144

Using DC In Port with Included 30W Adapter

- ① Plug the charging adapter plug cable into the Power 144 input port.
- ② Insert the other end of the charging adapter into a 100V-240V AC power supply.

Using DC In Port with Compatible Solar Panels

- ① Insert the connector from the GoSun Solar Panel into the Power 144.
- ② Expose the solar panel to direct sunlight. Charging will begin automatically.

Charging LED Display

- ✓ First light blinking: **<25%**
- ✓ First light on, second light blinking: **25% – 50%**
- ✓ Two lights on, third light blinking: **50% – 75%**
- ✓ Three lights on, fourth light blinking: **75% – 99%**
- ✓ Four lights on: **Fully Charged**

[Use only the provided AC Adapter or GoSun Solar Panel. Use of any other AC Adapter or Solar Panel will void warranty. If the provided adapter is lost or stolen, please contact GoSun for a replacement.]

Charging/Powering Devices

12V Devices

- ① Supported Devices: GoSun Fusion, GoSun Chill, GoSun Brew, Inflator pump, UAV Battery Charger, Outdoor Camp Light, Fishing Light, Hunting Light, Electric Fan and other devices under 150W.
- ② Plug your device into the 12V cigarette adapter socket of the Power 144, ensuring a secure fit.
- ③ The socket will automatically power the connected device.
- ④ To turn off the device, unplug it from the Power 144.

Never connect the input and output ports together with any type of adapter, not even momentarily. Doing so will void your warranty, permanently damage your device and may lead to fire and/or explosion.

5V Devices

- ① Supported Devices: Mobile phones, Tablets, Digital Cameras and other 5V Digital Devices.
- ② Plug a USB cable into one of the USB ports (see FAQ for advice on port selection).
- ③ Attach the remaining end of the USB cable to your device.
- ④ Press the Power Button on the Power 144. Your device is now charging.

Power Button Functions

Short Press: Activates Powerbank (USB and LED controls), displays current state of charge.

Double Press: Flashlight on, repeat to turn off.

Long Hold (3 seconds): Emergency light on, repeat to turn off.

The Power 144 is fitted with an automatic trip switch. If a device attempts to draw more than 150W at any time, the internal protection circuit will activate. To reset, unplug all devices and connect the Powerbank to a 100V-240V AC supply or to a solar charging source, as per the charging instruction section.

Usage Notes

- ✔ To protect the long term durability of the Powerbank, DO NOT Operate or Charge when with the Powerbank in direct sunlight. Keep the Powerbank in the shade whenever possible.
- ✔ Keep the product away from extreme heat or cold, as well as any flammable items or damp places. Also avoid sudden acceleration or deceleration and impact on hard surfaces.
- ✔ This device is water resistant, not waterproof. Do not submerge in water or any other liquids. Do not leave the Power 144 out in rain.

- ✔ Run a full charge/discharge cycle at least once every 4 months to avoid shortening the life span of the internal battery.
- ✔ If long term storage is likely to occur between uses, we recommend storing Power 144 at approximately 50% full.
- ✔ The USB and LED control circuit needs to sense at least a 1W load to stay energized, otherwise it will turn off to save energy. If powering a very small load, it may be necessary to turn on the white LED light (double press on power button) to keep the USB output energized. The LED draws approximately 2W from the battery so there will not be a significant battery drain.
- ✔ Using your Powerbank in temperatures below 0C or above 40C is highly inadvisable and may damage the internal battery. Under no circumstances should you charge the Powerbank if it is below freezing. Allow the Powerbank to warm up before charging.

FAQ

- ✔ Which port should I use to charge my device?
Smart phones will charge fastest when plugged into Output1: Smart. All other devices will charge at their highest rate using Output 3: 2.1 A. Output 2 is a 1A circuit and can be used when both Out1 and Out3 are in use.
- ✔ Can I use the Powerbank to charge 4 devices at the same time?
Yes. The 12V 15A Output is independent of the three 5V USB ports and all 4 can be used simultaneously.
- ✔ What if Power 144 fails to charge?
Check that the adapter connection is secure and the 100V-240V AC power source is turned on, or that there is sufficient sunshine if using the GoSun Solar Panel. If problems persist, contact GoSun Customer Services for further guidance.



What if Power 144 fails to charge other devices?

Ensure that the cable is securely in place, and check that the Powerbank's output is compatible with the electronic device's required voltage. You can also try to charge the powerbank with the AC adapter in case the output limiter has tripped. Please refer to your device's instruction manual, product labeling or adapter to find this information.

Warranty

Warranty Policy

GoSun Inc. extends this One-Year Limited Warranty to the original end-use purchaser of GoSun products* or the person receiving a Product as a gift, provided that the GoSun Product was purchased from an Authorized Dealer as defined below. The Limited Warranty does not extend to any other person or transferee. Statutory or common law may provide additional rights or remedies that vary from state to state, and country to country, which are not affected by this Limited Warranty.

Definitions

"Authorized Dealer" means any distributor, reseller or retailer that was duly authorized by GoSun at the time of the sale to sell authentic GoSun products in the jurisdiction where it sold the Product, and that sold the Product in new, unused condition in its original packaging.

“Fraud Misrepresentation” means misrepresenting any fact related to a warranty claim to GoSun, including the nature of the defect, whether the Product was purchased from an Authorized Dealer, and the authenticity of the Product.

“Intended Use” means use of the Product (a) for food preparation, (b) for private (as opposed to commercial) purposes, (c) in conformity with all applicable local, state or federal law, code or regulations, (d) in accordance with GoSun recommendations and/or instructions in the materials and documentation that accompany the Product.

Scope of One-Year Limited Warranty

GoSun provides a One-Year Limited Warranty against Manufacturing Defects. If a Product contained a Manufacturing Defect when it was purchased from an Authorized Dealer, GoSun, at its sole discretion, will (i) repair, (ii) replace, or (iii) provide a Warranty Credit for the Product on the GoSun online store. The amount of the Warranty Credit shall be equal to the purchase price of the Product paid to the Authorized Dealer. GoSun reserves the right to inspect any Product subject to a warranty claim to determine, at its sole discretion, whether the claimed defect is a Manufacturing Defect or otherwise.

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"Portable Power for the People"

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