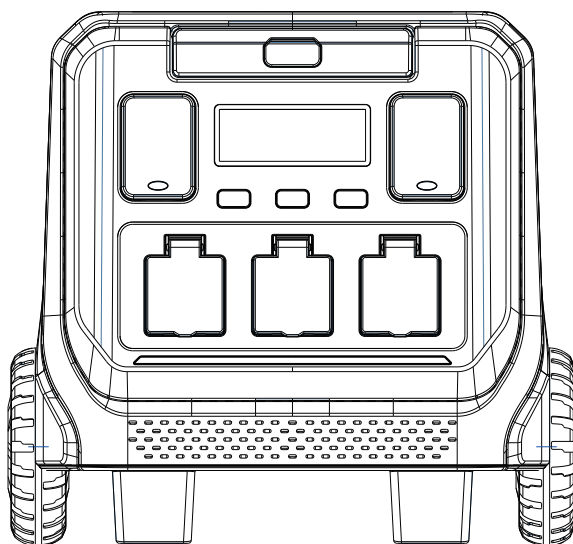


PORTABLE POWER STATION

User Manual

SENCI



SC-2400

Disclaimer

Before use, please read the user manual of this product to ensure correct use after complete understanding. After reading, please keep the user manual for future reference. If you do not operate this product properly, you may cause serious injury to yourself or others, or cause product damage and property damage. By using this product, you will be deemed to have understood, approved and accepted the full terms and contents of this document. The user undertakes to be responsible for his actions and all consequences arising therefrom. Senci shall not be liable for any loss caused by the user's failure to use the product in accordance with the User Manual. In compliance with the laws and regulations, the Company has the right to the final interpretation of this document and all documents related to this product. Updates, modifications or terminations are subject to notice.

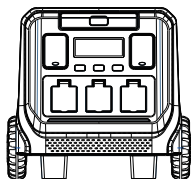
Please visit Senci's official website for the latest product information.

This newly designed solar generator SC-2400 uses high-quality lithium-ion batteries as the main body for energy storage. Compact size, light weight, large capacity, easy to carry, with built-in USB ports, DC and AC outputs, this unit can provide power solutions to you quickly and easily wherever you are in outages or outdoors.

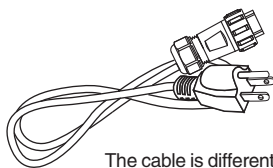
Please read this user manual carefully before using this unit. If you have any questions, please feel free to contact us.

- Use the Power Cable provided to charge the unit and keep it works properly.
- Please read this manual before using this unit, check whether the product is in good condition and whether the accessories are complete.
- Product upgrades, appearance and screen printing will be adjusted locally without notice, please refer to the actual product.

WHAT YOU GET

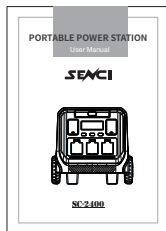


Portable Power Station

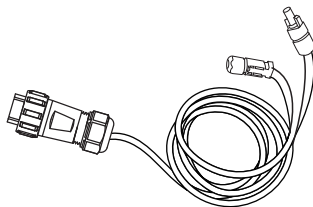


The cable is different for different regions.

Power Cable



User Manual



Solar Charger Cable

CATALOG

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Safety Instructions

Usage

- Do not use the product near a heat source, such as a fire source or a heating furnace. 2. Avoid contact with any liquid. Do not immerse the product in water or get it wet. Do not use the product in rain or humid environments.
- Do not use the product in an environment with strong static electricity/magnetic fields
- Do not disassemble the product in any way or pierce the product with sharp objects.
- Avoid using wires or other metal objects that may result in a short circuit.
- Do not use unofficial components or accessories. If you need to replace any components or accessories, please visit official SENCi channels to check relevant information.
- When using the product, please strictly follow the operating environment temperature specified in this user manual. If the temperature is too high, it may result in a fire or explosion. If the temperature is too low, the product performance may be severely reduced, or the product may cease to work.
- Do not stack any heavy objects on the product.
- Do not lock the fan forcibly during use or place the product in an unventilated or dusty area.
- Please avoid impact, falls, or severe vibrations when using the product. In case of a severe external impact, turn off the power supply immediately and stop using the product. Ensure the product is well fastened during transportation to avoid vibrations and impacts.
- If you accidentally drop the product into water during use, please place it in a safe open area, and stay away from it until it is completely dry. The dried product should not be used again, and should be properly disposed of according to Section 2.2 below. If the product catches fire, we recommend that you use the fire extinguishers in the following order: water or water mist, sand, fire blanket, dry powder, and finally a carbon dioxide fire extinguisher.
- Use a dry cloth to clean off dirt on the product ports
- Rest the product on a flat surface to avoid damages caused by the product falling over. If the product is overturned and severely damaged, turn it off immediately, place the battery in an open area, keep it away from combustible matter and people, and dispose of it in accordance with local laws and regulations.
- Ensure that the product is kept out of reach of children and pets.

Disposal Guide

- If conditions permit, make sure that the battery is fully discharged before disposing of it in a designated battery recycling bin. The product contains batteries with potentially dangerous chemicals, so it is strictly prohibited to dispose of it in ordinary trash cans. For more details, please follow the local laws and regulations on battery recycling and disposal.
- If the battery cannot be fully discharged due to a product failure, please do not dispose of the battery directly in the battery recycling box. In such case, you should contact a professional battery recycling company for further processing.
- Please dispose of over-discharged batteries that cannot be recharged.

UN38.3 Made in China



Product Specifications

Basic Specifications

Net weight: 34.1kg(69.23lbs)

Dimension: 359.7*541.2*337.5mm(14.16*21.31*13.29inches)

Battery Capacity: 42Ah, 2150.4Wh.

Battery cycle life: ≥ 3000 times, remaining capacity $>80\%$ (LiFePO₄)

Type of protection: High temperature protection, low temperature protection, over discharge protection, over charge protection, over load protection, short circuit protection, over current protection

Output

Wireless Charging $\times 2$: 15W

DC 5521 Output $\times 2$: 13.6V $\sim$ 5A, total 8A.

Car Outlet Output: 12V $\sim$ 10A

(DC 5521 Output (2)+ Car Outlet Output: Total 8A max.)

FAST CHARGE Output $\times 2$: 5V $\sim$ 2.5A, 9V $\sim$ 2A, 12V $\sim$ 2A(24W max)

USB-C 100W Output $\times 1$: 5V $\sim$ 3A, 9V $\sim$ 3A, 12V $\sim$ 3A, 15V $\sim$ 3A, 20V $\sim$ 5A
100W max

AC Output $\times 3$: 120V $\sim$ 60Hz, total 2000W.

Parallel

Power Station (Two sets can parallel by using parallel box, the parallel box purchased separately.)

Generator (Separate parallel box)

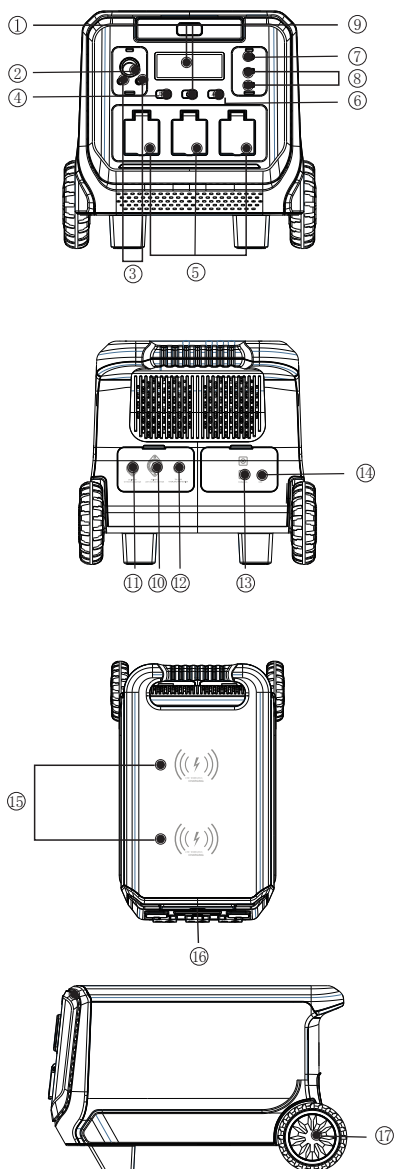
Input

DC Input: 10V $\sim$ 150V $\sim$ 20A max.

AC Input : 100V $\sim$ 120Vac 50 $\sim$ 60Hz, 1200W max.

Car Charger Input: 12V, 100W max.

Product appearance introduction



1.LCD Display

Display the power and usage status of the unit.

2.Car Outlet Output

3.DC Output

This port is an output port, so input charging is prohibited.

4.DC Output Switch

This button controls the product's auto charge output and the DC output of the two DC output ports.

5.120V AC Output

Charge a device with a voltage requirement of 120 V. (Do not support all excess appliances, the power of the power of the powered device should be less than 2400W).

6.AC Output Switch

This button controls the AC outputs, turn off this switch when not in use.

7.USB-C 100W Output

8.FAST CHARGE Output

9.Power Switch

Click the power button to turn on the product, turn on the USB output port and top wireless charging.

Double click the power button to enter ECO mode.

Long press the power button to turn off.

10.AC Recharging Input

Insert the power cord connector into this port and then connect it to the city power.

11.Solar Input

Support 6 (200W) solar panels in parallel, and support 10-150V, 1200W input.

12.AC Charging protect

When the AC input socket exceeds the maximum value of the current it can bear by 15A, the thermal protector will automatically trigger the protection to disconnect the input; after reducing the output current, manually reset the thermal protector to restore the AC input.

13.Parallel

Support parallel output of power station/generator, parallel box need to be equipped and it purchased separately.

14.GND

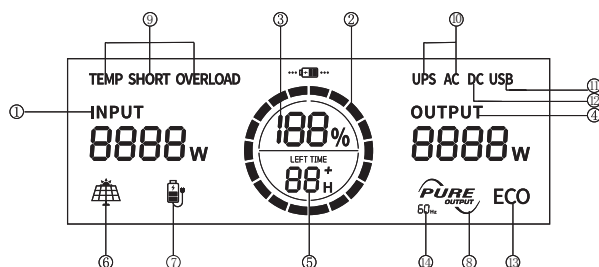
15.Wireless Charging

It supports 15w wireless charging function.

16.Portable pull rod

17.Mute Wheel

Smart LCD Display Screen



1.Input power

Display the current input power of the unit in watts in real time.

2.Battery indicator

Display the remaining battery, and the icon rotates when charging and discharging.

3.Battery charge percentage

Display the percentage of remaining battery, and when the remaining battery is less than 5%, charge it.

4.Output power

Display the current output power of the unit in watts in real time.

5.Remaining charge/discharge time

The remaining charging/discharging time is based on the current power consumption of the unit.

6.Solar panel charging / Car charging

When the product recognizes the charging input of the solar panel or car charging, this icon will light up.

7.AC Recharging Input

When the product is connected to mains charging, this icon will light up.

8.Pure sine wave

When the AC output is used, pure sine wave AC output icon appears on the screen.

9.TEMP SHORT OVERLOAD

When the product triggers the protection mechanism, the corresponding icon will light up.

10.AC output

When AC output occurs, the AC icon will light up; When bypassing input and output, the UPS icon will light up;

11.USB output icon

When the USB output port is in use, the USB output icon appears on the screen.

12. DC output

When the Dc output port is in use, the Dc output icon appears on the screen.

13.ECO mode

After double-clicking the power button to enter energy-saving mode, the ECO icon will light up.

14. Frequency Display Icon

When the frequency displays 50/60 Hz, it indicates the current frequency status.