

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [SBAOH](#) /

› [SBAOH Portable Power Station User Manual](#)

SBAOH T101

SBAOH Portable Power Station User Manual

Model: T101

Brand: SBAOH

1. INTRODUCTION

Thank you for choosing the SBAOH Portable Power Station, Model T101. This high-capacity 155Wh 42000mAh lithium-ion battery generator is designed to provide reliable power for your electronic devices in various situations, including outdoor adventures, RV trips, and home emergency outages. Its compact size and robust design make it an ideal companion for all your power needs.

This manual provides essential information on how to safely and effectively operate, maintain, and troubleshoot your power station. Please read it thoroughly before first use and keep it for future reference.

2. PRODUCT FEATURES

- **High Capacity & Portable Size:** Equipped with a 155Wh 42000mAh durable lithium-ion battery, capable of charging most electronic devices for extended periods. Weighing only 3.5 pounds with dimensions of 7.3"L x 4.2"W x 7.1"H, it features a solid handle for easy portability.
- **Multifunction Outputs:** Includes 2 USB outputs (5V/2.1A), 1 USB QC3.0 output (5V/3A, 9V/2A, 12V/1.5A 18W), 1 USB-C PD 30W fast charging output, 1 AC Output 150W (peak 200W), and 1 DC Output (10A /120W max).
- **Three Recharge Ways:** Can be recharged via wall charging (AC Adapter included, 5 hours for full charge), solar panel (13.5V~24V/2A Max, solar panel not included), or car adapter.
- **Built-in Flashlight:** Features a dual LED flashlight with three modes: steady light, strobe light, and SOS, useful for emergencies in dark conditions.
- **Safe Protection Technology:** Incorporates heat dissipation holes and a quiet fan. The Battery Management System (BMS) provides overload, over voltage, over current, over temperature, and short circuit protection, automatically shutting off to protect itself and connected devices.

3. PRODUCT OVERVIEW



Figure 3.1: Front view of the SBAOH Portable Power Station, highlighting the display, USB ports, DC ports, and AC outlet.



Figure 3.2: Dimensions of the SBAOH Portable Power Station (7.3"L x 4.2"W x 7.1"H).



Figure 3.3: The power station simultaneously charging various electronic devices, including a laptop, phone, and camera.

**Steady Light and Flashing Light Modes;
Meet Your Needs at Night, No Matter
Indoor or Outdoors.**



Figure 3.4: The power station providing illumination with its built-in flashlight during an outdoor camping scenario.

4. SETUP AND CHARGING

4.1 Initial Charge

Before first use, it is recommended to fully charge your SBAOH Portable Power Station. This ensures the battery is calibrated and ready for optimal performance.

4.2 Charging Methods

Your power station offers three convenient ways to recharge:



Figure 4.1: Illustration of the three charging methods for the power station.

1. **Wall Charging (AC Adapter):** Connect the included AC adapter to the DC input port on the power station and plug the adapter into a standard wall outlet. The power station will fully recharge in approximately 5 hours.
2. **Solar Panel Charging:** Connect a compatible solar panel (13.5V~24V/2A Max, not included) to the DC input port. Place the solar panel in direct sunlight for efficient charging.
3. **Car Adapter Charging:** Use the included car charger to connect the power station to your vehicle's 12V cigarette lighter socket. This method is ideal for recharging while on the go.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the unit, press and hold the main power button until the display illuminates. To power off, press and hold the main power button again until the display turns off.

5.2 Using Output Ports

The power station features various output ports to accommodate different devices:

- **AC Output:** Press the 'AC' button to activate the 110V AC outlet. Plug in devices requiring up to 150W (200W peak). Ensure your device's power consumption does not exceed this limit.
- **USB Outputs:** The USB-A and USB-C ports are typically active when the unit is powered on. Simply plug in your USB-compatible devices for charging. The QC3.0 and PD 30W ports offer faster charging for compatible devices.
- **DC Output:** The 12V DC output port (10A / 120W max) is suitable for devices like car fans, mini-refrigerators, or CPAP machines.

5.3 Flashlight Operation

The built-in LED flashlight has multiple modes:

- Press the flashlight button once for steady light.
- Press again for strobe light mode.
- Press a third time for SOS signal mode.
- Press a fourth time to turn off the flashlight.

6. SAFETY PRECAUTIONS

To ensure safe operation and prolong the lifespan of your power station, please observe the following:

- Do not disassemble, repair, or modify the unit.
- Keep the power station away from fire, heat sources, and direct sunlight.
- Avoid exposure to water or high humidity.
- Do not use the power station if it has been damaged or dropped.
- Ensure proper ventilation; do not block the heat dissipation holes.
- Store in a cool, dry place when not in use.
- Keep out of reach of children.
- Do not exceed the rated output power. Overload protection will automatically shut off the unit.

7. SPECIFICATIONS

Feature	Specification
Brand	SBAOH
Model Name	T101
Battery Capacity	155Wh / 42000mAh
AC Output	110V / 150W (Peak 200W)
USB Output	2x 5V/2.1A
USB QC3.0 Output	5V/3A, 9V/2A, 12V/1.5A (18W)
USB-C PD Output	30W

Feature	Specification
DC Output	10A / 120W max
Charging Input (AC Adapter)	Approx. 5 hours
Charging Input (Solar Panel)	13.5V~24V/2A (Max)
Item Weight	3.5 Pounds
Product Dimensions	7.3"L x 4.2"W x 7.1"H
Special Feature	Overload Protection

8. TROUBLESHOOTING

If you encounter issues with your SBAOH Portable Power Station, please refer to the following common troubleshooting steps:

- **Unit Not Turning On:** Ensure the battery is charged. Connect to a power source (wall outlet, car charger, or solar panel) and allow it to charge for at least 30 minutes before attempting to power on again.
- **No Output from Ports:** Verify that the specific output (AC, DC) is activated by pressing its corresponding button. Check if the connected device's power consumption exceeds the power station's limits. The unit may have automatically shut off due to overload protection. Disconnect the device, restart the power station, and try a lower-power device.
- **Slow Charging:** Ensure you are using the original AC adapter or a compatible solar panel/car charger. Check the charging cable for damage. For solar charging, ensure the panel is in direct sunlight and free from obstructions.
- **Overheating:** The power station has a built-in fan for heat dissipation. If the unit feels excessively hot, disconnect all devices and allow it to cool down in a well-ventilated area. Ensure the ventilation holes are not blocked.

If the problem persists after attempting these steps, please contact customer support.

9. WARRANTY AND SUPPORT

As a professional manufacturer of power stations, SBAOH provides the best after-sales service and a lifetime warranty for customers. Your purchase includes:

- 1x SBAOH Portable Power Station
- 1x Power Adapter
- 1x User Manual (this document)
- 1x Car Charger
- 1x Cigarette Lighter Adapter

If you have any questions about the product, require technical assistance, or need to claim warranty service, please do not hesitate to contact us at any time. We are committed to offering you a satisfactory shopping experience and support.

