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Takki S89

Takki S89 83Wh Portable Power Station User Manual

Model: S89

INTRODUCTION

This user manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your Takki S89 83Wh Portable Power Station. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



Image: Front and side view of the Takki S89 83Wh Portable Power Station, highlighting its compact design and multiple output ports.

SAFETY INSTRUCTIONS

To prevent injury, damage to the device, or damage to connected equipment, always adhere to the following safety guidelines:

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or electric shock.
- Do not expose the unit to fire or high temperatures (above 60°C/140°F).
- Do not use or store the unit in direct sunlight, near heat sources, or in high humidity environments.
- Keep the unit away from water and other liquids.
- Ensure proper ventilation during use to prevent overheating.
- Keep out of reach of children and pets.
- Use only the provided or approved charging cables and adapters.
- The power station can power devices up to 80W (Peak 120W). If a device exceeds this wattage, the power station will

automatically cut off power for protection. Do not attempt to power devices exceeding these limits.

PRODUCT OVERVIEW

The Takki S89 is a compact and versatile portable power station designed for various indoor and outdoor applications. It features multiple output ports and an integrated camping light.

Key Components:

- **AC Outlet:** 110V/80W (Peak 120W) for small appliances.
- **USB-A Ports:** Two 18W QC3.0 ports for fast charging compatible devices.
- **USB-C Port:** One PD 30W port for modern devices.
- **DC Input:** For charging the power station via AC adapter, car charger, or solar panel.
- **LED Camping Light:** Integrated light with multiple brightness modes and SOS function.
- **Display Screen:** Shows battery capacity and output status.

WHAT T89 CAN POWER

Multiple output ports, can compatible with devices up to 80W



Compatible with a wide range of home and office equipment, such as: USB/DC LED light, Smartphones, iPads, Laptops, Cameras, Speakers, Fans, Switch, Airpods, Watches, etc.



Emergency backup power for high-powered equipment under 80W, e.g. Drone (50W), CAPA Machine (40W), Air Pump (40W), Portable Car Washer (80W), Car Refrigerator (60W).



50W 40W Power Bank 80W 40W 60W

Image: An illustration detailing the types of devices the Takki S89 can power, such as laptops, phones, cameras, and small fans, along with their

SETUP

Before first use, it is recommended to fully charge your Takki S89 Portable Power Station.

Initial Charging:

1. Unpack the power station and all accessories.
2. Connect the provided AC adapter to the DC Input port on the power station.
3. Plug the AC adapter into a standard wall outlet.
4. The battery indicator on the display will show charging progress. The unit is fully charged when all battery segments are lit.



Image: The Takki S89 power station connected to and charging both a smartphone and a laptop, demonstrating its multi-device charging capability.

CHARGING THE POWER STATION

Your Takki S89 offers multiple convenient charging options:

1. AC Wall Outlet Charging:

Connect the provided AC adapter to the DC input port and plug it into a wall outlet. This is the fastest charging method.

2. Car Charger Charging:

Use the included car charger cable to charge the power station from your vehicle's 12V cigarette lighter port. Ideal for on-the-go charging.

3. Solar Panel Charging:

The Takki S89 can be charged using a 12-22 volt solar panel (not included). Connect the solar panel to the DC input port. Ensure the solar panel is placed in direct sunlight for optimal charging efficiency.



Image: A visual guide illustrating the connection of Takki 30W and 60W solar panels to the power station's DC input, showing the 3.5*1.35mm DC input port.



Image: The Takki S89 power station connected to a solar panel, positioned outdoors in a natural environment, demonstrating solar charging capability.

OPERATING THE POWER STATION

Using AC Outlets:

Press the AC power button to turn on the AC output. Plug your device (e.g., laptop, small fan) into the 110V AC outlet. Ensure your device's power consumption does not exceed 80W (120W peak).

POWER DEVICES UP TO 80W/Peak 120W

110V/80W(Peak 120W) AC outlets



Image: A user operating a laptop, which is being powered by the Takki S89 portable power station, illustrating its use for mobile work.

Using USB and USB-C Ports:

Simply plug your USB-A or USB-C compatible devices (e.g., smartphones, tablets, cameras) into the respective ports. The power station will automatically detect and provide power.

MINI GENERATOR WITH MORE OUTLETS

Charge for **4** devices on the time



80W AC Output x1



Laptop



Projector



Mini TV

18W USB-A x2 & 30W Type-C x1



Phones



Tablet



Small Fan

Image: The Takki S89 power station simultaneously charging multiple devices, including a laptop, smartphone, and a small fan, demonstrating its capability to power up to four devices at once.

Using the Camping Light:

Press the light button to cycle through the four brightness levels and SOS mode. The LED light can provide illumination for up to 94 hours in power-saving mode.

CAMPING LIGHT (OUTDOOR/INDOOR)

4 Brightness



Image: The Takki S89 power station's integrated camping light providing illumination in a dark outdoor setting, highlighting its utility for camping and emergencies.

Lighting During Power Outage



Image: The Takki S89 power station providing essential lighting during a power outage, demonstrating its emergency preparedness feature.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your power station:

- **Cleaning:** Use a dry, soft cloth to wipe the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Storage:** Store the power station in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the unit to 50-80% every 3-6 months to preserve battery health.
- **Ventilation:** Ensure the ventilation holes on the back are not blocked during use to allow for proper heat dissipation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit not charging	Charger not connected properly; Charger faulty; Battery protection activated.	Check all connections; Try a different outlet; Contact support if issue persists.
No output from ports	Output button not pressed; Device power consumption too high; Battery too low.	Ensure output button is on; Check device wattage; Recharge the power station.
Camping light not working	Light button not pressed; Battery too low.	Press the light button; Recharge the power station.
Unit overheats	Blocked ventilation; Excessive load.	Ensure vents are clear; Reduce connected load; Allow unit to cool down.

SPECIFICATIONS

Feature	Detail
Model Name	S89
Battery Capacity	83Wh / 22500mAh
AC Output	110V/80W (Peak 120W)
USB-A Output	2 x 18W QC3.0
USB-C Output	1 x PD 30W
DC Input	12-22V (for AC adapter, car charger, solar panel)
Dimensions (L x W x H)	3.78"L x 2.87"W x 7.52"H
Weight	1.98 Pounds
Camping Light Runtime	Up to 94 hours (power saving mode)

Note: Specifications are subject to change without notice.

WARRANTY AND SUPPORT

Takki products are designed and manufactured to the highest quality standards. For warranty information and customer support, please refer to the warranty card included with your product or visit the official Takki website.

For further assistance, you may contact Takki customer service through their official channels. Please have your model number (S89) and purchase details ready when contacting support.

You can also visit the [Takki Store on Amazon](#) for more product information and support resources.