

Takki S811M 222Wh 250W

Takki S811M 222Wh 250W Portable Power Station

User Manual

1. INTRODUCTION

Thank you for choosing the Takki S811M 222Wh 250W Portable Power Station. This compact and lightweight power station is designed to provide reliable power for various applications, including home use, outdoor camping, office, and emergency situations. Featuring a pure sine wave AC outlet, it ensures stable and safe power delivery for your sensitive electronic devices. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your power station.

2. SAFETY INSTRUCTIONS

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or injury.
- Do not expose the unit to fire or direct heat.
- Do not use or store the unit in a bathroom or in an area exposed to rain or moisture.
- Do not use the unit if it is damaged or has been dropped.
- Keep the unit away from children and pets.
- Ensure proper ventilation during use to prevent overheating.
- Use only the provided or approved accessories for charging.
- Avoid short-circuiting the unit.
- Dispose of the unit according to local regulations.

3. PACKAGE CONTENTS

Please check that all the following items are included in your package:

- 1 x Takki S811M 222Wh Portable Power Station
- 1 x AC Adapter

- 1 x Cigarette Lighter Adapter
- 1 x Car Charger
- 1 x User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Takki Portable Power Station.



Figure 4.1: Front view of the Takki S811M Portable Power Station, showcasing its compact design and main interface.



Figure 4.2: Detailed view of the control panel, showing the AC outlet switch, battery display, power switch, and light switch. Also visible are the various output ports.

4.1. Ports and Indicators

- **AC Output Sockets:** 110V AC (250W running, 450W peak) for household appliances.
- **USB Ports:** 2 x QC 3.0 18W USB ports, 2 x USB ports (5V 2.4A) for charging mobile devices.
- **DC Output:** 1 x 12V DC port for compatible DC devices.
- **Type-C Port:** 1 x 18W Type-C port for modern devices.
- **Battery Level Indicator:** Displays the current battery charge level.
- **LED Light Panel:** Integrated light with multiple brightness levels and SOS mode.

250W/Peak 450W AC OUTLETS

8 Outputs support to Power Devices Simultaneously



Figure 4.3: The power station connected to various devices, demonstrating its multiple output ports and ability to power devices simultaneously.

5. SETUP

5.1. Initial Charge

Before first use, it is recommended to fully charge the power station. This ensures optimal battery performance and longevity.

1. Connect the provided AC adapter to the DC input port on the power station.
2. Plug the AC adapter into a standard wall outlet.
3. The battery level indicator will show charging progress. The unit is fully charged when the indicator shows full.

5.2. Recharging Methods

Your Takki power station can be recharged using three methods:

- **AC Adapter:** Full charge in approximately 6-7 hours.
- **Car Charger:** Full charge in approximately 6-7 hours (up to 80%).
- **Solar Panel (Not Included):** Charges up to 60% in 3-4 hours with a 40W solar panel (12.5V~25.5V/2.6A Max). The power station includes an MPPT controller for efficient solar charging.



Figure 5.1: Illustration of the three recharging methods: AC adapter, car charger, and solar panel (sold separately).

6. OPERATING INSTRUCTIONS

6.1. Turning On/Off

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

6.2. Using AC Output

1. Ensure the power station is turned on.

2. Press the AC outlet switch to activate the AC output. The AC indicator light will turn on.
3. Plug your device into the AC outlet. Ensure the device's power consumption is within 250W (450W peak).
4. After use, press the AC outlet switch again to turn off the AC output and conserve battery.

6.3. Using DC/USB/Type-C Output

1. Ensure the power station is turned on.
2. Plug your device into the appropriate DC, USB, or Type-C port. These ports are typically active when the unit is on.
3. The power station can charge multiple USB devices simultaneously.

6.4. LED Camping Lantern

The power station features a built-in LED light panel for illumination.

- Press the LED light switch to cycle through brightness levels (3 levels).
- Press again to activate SOS mode.
- Press a final time to turn off the light.



Figure 6.1: The power station demonstrating its integrated LED light with various modes, including 3 lighting modes and SOS mode.

6.5. Estimated Usage Times

The 222Wh capacity provides power for various devices. Actual usage times may vary based on device power consumption and usage conditions.

222Wh POWER STATION

The power station provides **Pure Sine Wave** AC output



Notice: The exact duration of use is based on the power of your devices.











 iPhone 14 17+ Charges	 ipad(20W) 10+ Charges	 Camera(20W) 12+ Charges	 Drone(40W) 5+ Charges	 Laptop(50W) 3+ Charges
 LED Light(10W) 19+ Charges	 CPAP(40W) 5+ Hours	 Fan(40W) 5+ Hours	 Mini Car Fridge(60W) 3+ Hours	 TV(60W) 3 Hours

Figure 6.2: Estimated number of charges or hours of use for common devices like smartphones, tablets, cameras, drones, laptops, LED lights, CPAP machines, fans, mini car fridges, and TVs.

Table 6.1: Estimated Device Usage

Device	Estimated Power (W)	Estimated Usage/Charges
iPhone 14	~10-15W	17+ Charges
iPad	~20W	10+ Charges
Camera	~20W	12+ Charges
Drone	~40W	5+ Charges
Laptop	~50W	3+ Charges
LED Light	~10W	19+ Charges
CPAP	~40W	5+ Hours
Fan	~40W	5+ Hours
Mini Car Fridge	~60W	3+ Hours
TV	~60W	3 Hours

7. MAINTENANCE

- **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 about 50-80% every 3-6 months to maintain battery health.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure the ventilation openings are clear of dust and debris to prevent overheating.
- **Battery Care:** Avoid fully discharging the battery frequently, as this can reduce its lifespan.

8. TROUBLESHOOTING

Table 8.1: Common Issues and Solutions

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely discharged.	Charge the unit using the AC adapter.
AC output not working.	AC output not activated; device exceeds 250W.	Press the AC outlet switch; check device wattage.
Unit is overheating.	Poor ventilation; excessive load.	Ensure vents are clear; reduce connected load. The cooling fan should activate automatically.
Slow charging.	Using a low-power charging method (e.g., car charger vs. AC adapter).	Use the AC adapter for fastest charging. Ensure solar panel is in direct sunlight if applicable.

If the problem persists, please contact customer support.

9. SPECIFICATIONS

Table 9.1: Technical Specifications

Feature	Detail
Model	S811M 222Wh 250W
Battery Capacity	222Wh (60000mAh/3.7V) Lithium-ion
AC Output	110V, 60Hz, 250W (Pure Sine Wave, 450W Peak)
DC Output	1 x 12V DC (10A Max)
USB Output	2 x QC 3.0 (18W), 2 x 5V/2.4A
Type-C Output	1 x 18W PD3.0 Max
Input (Charging)	AC Adapter, Car Charger, Solar Panel (12.5~25.5V/2.6A Max)
Dimensions (L x W x H)	8.11 x 4.33 x 5.93 inches (20.6 x 11 x 15.1 cm)
Weight	5.95 lbs (2.7 kg)
Material	ABS
Special Features	Foldable Handle, Lightweight, Portable, Super Quiet, USB Port, LED Light (3 modes + SOS), MPPT Controller

COMPACT & PORTABLE

Portable generator with handle for outdoor/home use



Figure 9.1: The compact and portable design of the power station, highlighting its dimensions and weight for easy transport.

10. WARRANTY AND SUPPORT

10.1. Warranty Information

Takki products typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Takki website for detailed warranty terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

10.2. Customer Support

For any questions, technical assistance, or warranty claims, please contact Takki customer support. You can usually find contact information on the official Takki website or through your retailer.

Online Support: Visit the Takki Store on Amazon for product information and support resources.

