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Takki SP811

Takki S811 Portable Power Station User Manual

Model: SP811 | Brand: Takki

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Takki S811 Portable Power Station with 40W Solar Panels. Please read this manual thoroughly before using the product and retain it for future reference.

The Takki S811 is a versatile 277.5Wh (75,000mAh equivalent) portable power station designed for various indoor and outdoor applications, including camping, emergency backup, and off-grid power needs. It features multiple output ports, including AC, DC, USB, and Type-C, and can be recharged via AC adapter, car charger, or the included 40W solar panel.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the device:

- Do not disassemble, repair, or modify the unit.
- Do not expose the unit to fire or high temperatures.
- Do not use or store the unit in direct sunlight or in hot environments.
- Keep the unit away from water, moisture, and corrosive substances.
- Ensure proper ventilation during use to prevent overheating.
- Keep out of reach of children.
- Use only original or certified accessories.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Takki Portable Power Station S811
- 1 x Takki Foldable Solar Panel 40W

- 1 x Charger Adapter
- 1 x AC Adapter
- 1 x Cigarette Lighter Adapter
- 1 x User Manual
- 1 x DC-DC Cable
- 1 x 10-in-1 Connector Set

4. PRODUCT OVERVIEW

4.1. Main Unit and Solar Panel



Image: The Takki S811 Portable Power Station shown alongside its included 40W foldable solar panel, illustrating the compact design of both components.

4.2. Output Ports and Controls

250W POWERFUL AC OUTLETS

8 Outputs support to Power Devices Simultaneously



2*AC Output
250W Rated



1*DC Output
12V/10A(13A Max)



1*USB C
18W PD3.0 Max



2*USB
5V/2.4A



2*USB
18W QC3.0

Pure Sine Wave

Image: A detailed view of the power station's front panel, highlighting the various output ports including AC outlets, USB-A, USB-C, and DC output, along with control buttons and battery indicator.

- **AC Outlets:** 1 x 2-pole and 1 x 3-pole 110V AC output (250W running, 450W peak).
- **USB Ports:** 2 x QC 3.0 18W USB ports, 2 x USB ports (5V 2.4A).
- **Type-C Port:** 1 x 18W Type-C.
- **DC Output:** 1 x 12V DC.
- **Camping Light:** Integrated 2-level brightness light panel.

5. SETUP AND INITIAL CHARGING

5.1. Initial Charge

It is recommended to fully charge the power station before first use. You can charge it using the included AC adapter, car charger, or solar panel.

5.2. Connecting the Solar Panel



Image: The Takki S811 power station connected to its foldable solar panel, laid out on the ground for charging in an outdoor setting.

1. Unfold the 40W solar panel and place it in direct sunlight.
2. Connect the DC-DC cable from the solar panel to the DC input port on the power station.
3. The battery indicator on the power station will show charging status.



Image: The Takki S811 power station and its solar panel set up next to a camping tent, demonstrating its use for outdoor power needs.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

Press and hold the main power button to turn the unit on or off. The battery display will illuminate.

6.2. Using Output Ports

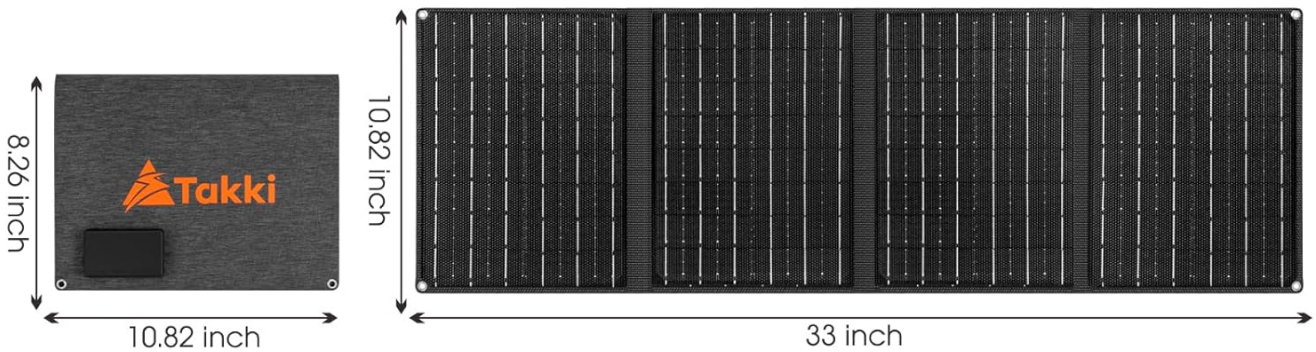


Image: The Takki S811 power station actively charging a mini-fridge, a smartphone, and other devices, showcasing its multi-device charging capability.

- **AC Output:** Press the AC outlet switch to activate the 110V AC outlets. Connect devices requiring up to 250W continuous power (450W peak).
- **USB/Type-C Output:** These ports are active when the unit is powered on. Simply plug in your USB or Type-C compatible devices.
- **DC Output:** The 12V DC port is active when the unit is powered on. Use the appropriate 10-in-1 connector for your device if needed.

6.3. Using the Camping Light

SUPPORT DEVICES (POWER<250W, PEAK 450W)



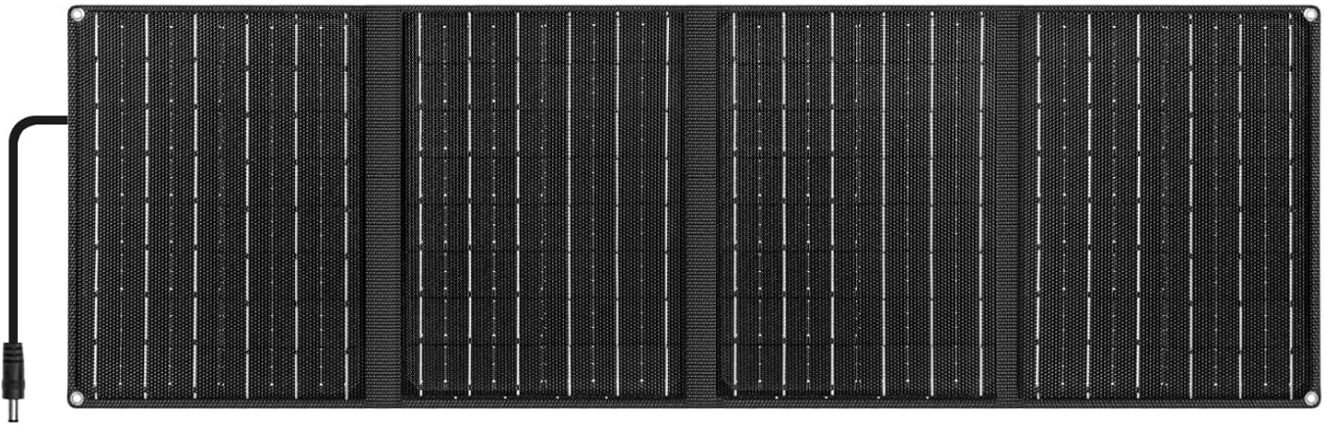
Image: A close-up of the power station's control panel, showing the illuminated light panel and the various buttons for AC output, battery display, and light control.

Press the light switch button to cycle through the two brightness levels of the integrated camping light. Press again to turn it off.

7. CHARGING THE POWER STATION

The Takki S811 Portable Power Station offers three convenient charging methods:

1. **AC Wall Charger:** Connect the AC adapter to a standard wall outlet and then to the power station's input port.
2. **Car Charger:** Use the included cigarette lighter adapter to charge the unit from your vehicle's 12V outlet.
3. **Solar Panel:** Connect the 40W foldable solar panel to the power station's input port. Ensure the solar panel is placed in direct sunlight for optimal charging. The unit supports 12.5-25.5 volt solar panels.



7.9*5.5mm



7.4*5.0mm



6.5*4.3mm



6.3*3.0mm



5.5*2.5mm



5.5*1.7mm



5.5*3.2mm



4.8*1.7mm



4.0*1.7mm



3.5*1.35mm

Image: A collection of 10 different DC connectors, demonstrating the versatility of the Takki S811 power station for various devices and charging inputs.

8. MAINTENANCE

- Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- Recharge the unit every 3-6 months to maintain battery health, even if not in use.
- Clean the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure all ports are free of dust and debris.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on	Battery is depleted	Charge the power station.
Device not charging from AC outlet	AC output not activated or device exceeds 250W	Press the AC outlet switch. Check device wattage.
Solar panel not charging	Insufficient sunlight or incorrect connection	Ensure direct sunlight and proper cable connection.
Light not working	Light switch not pressed or unit off	Press the light switch. Ensure unit is powered on.

10. SPECIFICATIONS

Feature	Detail
Model Name	Takki Solar Generator
Item Model Number	SP811
Wattage	277.5 Watt-hours
Output Wattage	277 Watts
Running Wattage	250 Watts
Peak Wattage	450 Watts
Voltage	110 Volts (AC)
Total Power Outlets	8
Power Source	Solar Powered
Item Weight	5.95 Pounds
Product Dimensions	8.13"L x 4.35"W x 5.93"H
Material	ABS, Monocrystalline Silicon
Included Components	Portable Power Station, 40W Foldable Solar Panel
Batteries	1 Lithium Ion battery required (included)

11. WARRANTY AND SUPPORT

Takki products come with a standard manufacturer's warranty. For detailed warranty information, product support, or service inquiries, please refer to the warranty card included in your package or visit the official Takki website. Please have your model number (SP811) and purchase date ready when contacting support.

