Takki S638

Takki S638 300W Solar Generator 240Wh Portable Power Station User Manual

Model: S638 | Brand: Takki

1. Product Overview

The Takki S638 is a 300W Solar Generator with a 240Wh portable power station, bundled with a 40W foldable solar panel. This versatile power solution is designed to provide reliable electricity for various applications, including emergency backup, outdoor camping, and home use during blackouts. It features multiple output ports to charge a wide range of electronic devices.



The Takki S638 Portable Power Station, a compact and versatile device shown with its accompanying solar panel.

Key Features

- **240Wh Capacity:** Equivalent to 65,000mAh, capable of charging multiple electronic devices.
- **300W AC Output:** Provides 110V AC power for devices up to 300W (350W peak).
- **Multiple Output Ports:** Includes AC, USB (QC 3.0 & USB-C PD), and DC ports.
- **40W Foldable Solar Panel:** Enables efficient solar recharging on the go.
- **Compact and Portable:** Lightweight design for easy transport during outdoor activities or emergencies.
- **Integrated LED Light:** Features adjustable brightness and an SOS mode for emergencies.

2. What's Included

Your Takki S638 package includes the following items:

- 1x Takki S638 Portable Power Station (240Wh capacity)
- 1x 40W Foldable Solar Panel Kit
- 1x AC Power Adapter (19V)
- 1x Cigarette Lighter Adapter
- 1x DC-DC Cable
- 1x 10-in-1 Connector
- 1x User Manual



The Takki S638 Portable Power Station unit, showcasing its compact design and various ports.

3. Product Features and Ports

The Takki S638 Portable Power Station is equipped with multiple output ports to meet diverse power requirements.



Close-up view of the Takki S638 Portable Power Station's control panel, highlighting the AC outlets, USB-A, USB-C, and DC output ports.

Output Ports

- **2x 110V AC Output Sockets:** Provides 300W continuous power, with a 350W peak. Suitable for laptops, small fans, and other AC-powered devices.
- **3x QC 3.0 18W USB Ports:** For fast charging compatible smartphones, tablets, and other USB devices.
- **2x USB-C 18W Ports (5V/3A):** Offers versatile charging for modern USB-C devices.
- **2x 12V DC Ports:** Ideal for powering car accessories like mini-refrigerators or inflators.

Integrated LED Light

The power station features an integrated LED light for illumination in low-light conditions or emergencies. It offers adjustable brightness and an SOS mode.

4. Charging the Power Station

The Takki S638 offers flexible charging options to ensure you always have power.



An illustration showing the three primary ways to recharge the power station: via AC wall outlet, solar panel, or car charger.

4.1. AC Wall Outlet Charging

Use the included AC adapter to charge the S638 from a standard wall outlet. It can reach 0-80% in approximately 5 hours and fully charge in about 8 hours.

4.2. Solar Panel Charging

Connect the included 40W foldable solar panel to the DC input port. In full sunlight, the solar panel can charge the power station from 0-80% in 7-8 hours. Charging speed is dependent on sunlight intensity and weather conditions.



The 40W foldable solar panel unfolded and connected to the Takki S638 Portable Power Station, demonstrating solar charging capability.

4.3. Car Charger Charging

Utilize the included cigarette lighter adapter to charge the power station from your vehicle's 12V car port.

5. Operating Instructions

5.1. Powering On/Off

Press the power button to turn the unit on or off. The LED display will show the battery level and active output indicators.

5.2. Using AC Output

To use the 110V AC outlets, press the AC button to activate the AC output. Ensure your device's wattage does not exceed 300W (350W peak) to prevent damage to the power station.

An official seller video showcasing the 300W portable power station in use, specifically demonstrating its 110V AC output capabilities for various devices.

5.3. Using USB and DC Output

USB and DC outputs are typically active when the unit is powered on. Simply plug in your devices to the appropriate ports. The power station can charge devices like phones (12+ times), tablets (7+ times), laptops (4+ times), cameras (20+ times), 40W CPAP (5 hrs), 60W portable TV (3 hrs), 10W small fan (20+ hrs), and 40W mini car refrigerator (5 hrs).



The Takki S638 Portable Power Station providing power to a camera, demonstrating its AC output capability.



The Takki S638 Portable Power Station connected to a car refrigerator via its 12V DC output, suitable for camping and outdoor use.

5.4. Using the LED Light

Press the dedicated light button to cycle through brightness settings and activate the SOS mode. This feature is useful for camping or emergency signaling.

6. Maintenance and Storage

6.1. General Care

Keep the power station clean and dry. Avoid exposure to extreme temperatures, high humidity, or direct sunlight for prolonged periods. Do not expose to water or rain.

6.2. Long-Term Storage

For long-term storage, recharge the power station to 70-80% capacity at least once every half a month. This helps maintain battery health and prolong its lifespan. Store in a cool, dry place.

7. Troubleshooting

7.1. Device Not Charging

- Ensure the power station is turned on and has sufficient battery charge.
- Verify that the correct output port (AC, USB, DC) is activated if required.
- Check if the device's power requirements exceed the power station's output limits (e.g., over 300W for AC).
- Inspect all cables for damage and ensure they are securely connected.

7.2. Slow Solar Charging

- Ensure the solar panel is fully unfolded and positioned directly towards the sun for maximum exposure.
- Clear any obstructions (shade, dirt) from the solar panel surface.
- Note that charging speed is significantly affected by sunlight intensity, cloud cover, and weather conditions.

7.3. Unit Overheating

The intelligent cooling system will automatically turn on when the unit gets hotter to maintain a constant temperature. Ensure cooling vents are not blocked.

8. Technical Specifications

Specification	Value
Brand	Takki
Model Name	TP638
Wattage	240 Watt-hours
Fuel Type	Electric
Power Source	Battery-Powered, Solar Powered (with 40W Solar Panel), AC
Item Weight	6.16 pounds (2.8 Kilograms)
Voltage	110 Volts (AC)
Output Wattage	300 Watts (350W Max)
Product Dimensions	8.74"L x 5.27"W x 5.98"H
Material	ABS
Battery Cell Type	Lithium Ion
Batteries Included?	Yes (1 Lithium Ion battery required)

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the contact information provided by Takki at the point of purchase or visit the official Takki website. Keep your purchase receipt for warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question