

Takki T638

Takki T638 Portable Power Station User Manual

Model: T638 | Brand: Takki

1. INTRODUCTION

The Takki T638 Portable Power Station is a versatile and reliable power solution designed for various applications, including outdoor camping, off-grid living, emergency backup, and general home use. This solar generator, combined with the included 40W solar panel, provides a robust and portable energy source for your electronic devices and small appliances.

With a built-in 240Wh (equivalent to 65000mAh) high-capacity lithium-ion battery pack, the T638 can simultaneously charge up to 9 devices with a total output of 300W (350W peak). Its compact design and multiple charging options make it an essential companion for any adventure or power outage.



Figure 1.1: Takki T638 Portable Power Station with included 40W Foldable Solar Panel.



Figure 1.2: The Takki T638 in an outdoor camping environment, demonstrating its portability and utility.

2. PRODUCT FEATURES

- **High Capacity:** 240Wh (65000mAh) battery for extended power.
- **Multiple Outputs:** Two 110V AC outlets (300W continuous, 350W peak), 12V DC output, multiple USB-A (18W QC 3.0) and USB-C (18W PD) ports. Total of 11 power outlets.
- **Integrated Solar Charging:** Comes with a 40W foldable solar panel with up to 23% conversion efficiency.
- **Versatile Recharging:** Can be recharged via solar panel, AC wall adapter, or car charger.
- **Portable Design:** Lightweight (6.2 lbs) with a foldable handle for easy transport.
- **Safety Features:** Equipped with a safe battery management system and dual cooling vents to prevent damage.

The T638 is capable of powering a wide range of devices. For example, it can charge a CPAP machine (40W) for 5+ hours, laptops (45W) 5 times, phones (10W) 24+ times, and iPads (20W) 12+ times.

PORTABLE POWER STATION

For Camping/Travel/Mobile Office/Emergency/Outdoor Use



Figure 2.1: The Takki T638 powering a laptop, ideal for mobile office or outdoor work.

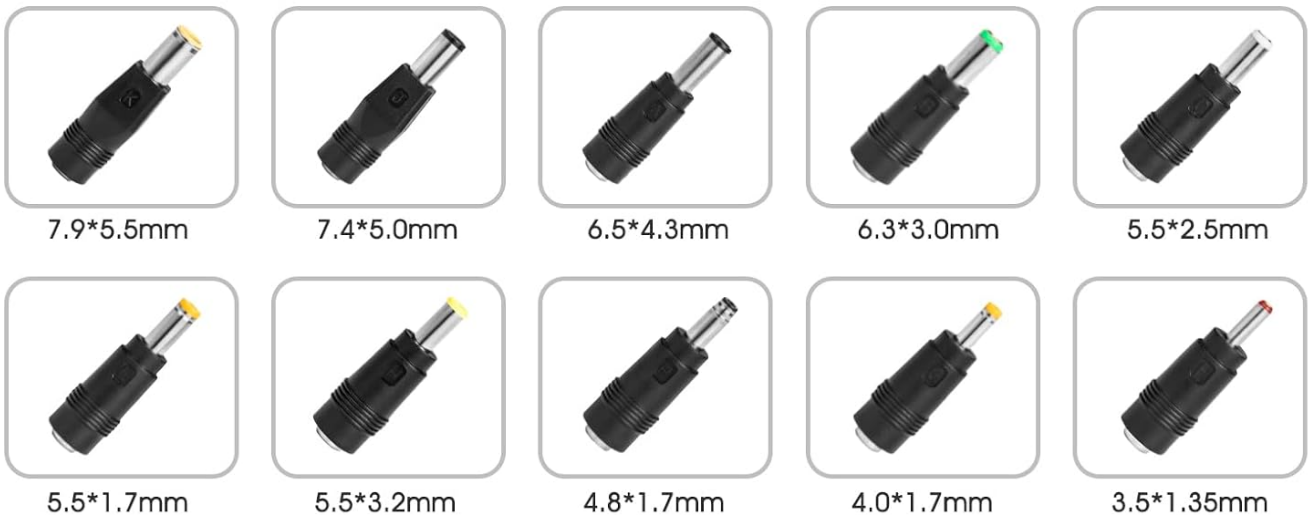
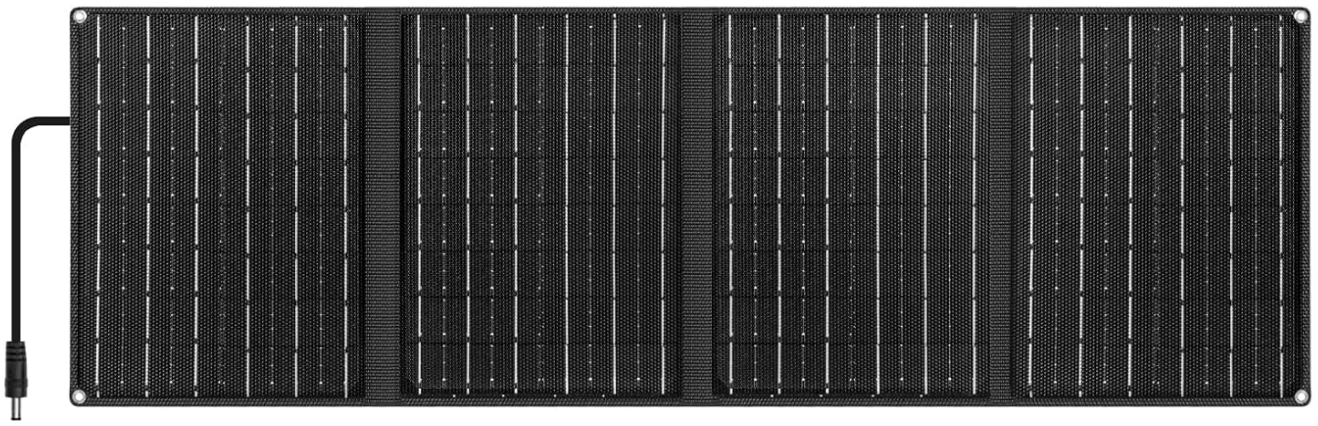


Figure 2.2: The Takki T638 includes a variety of DC connectors for compatibility with different devices and solar panels.

3. SETUP

3.1 Unpacking and Initial Inspection

Carefully unpack all components from the box. Ensure the following items are present:

- Takki T638 Portable Power Station
- 40W Foldable Solar Panel
- AC Wall Adapter
- Car Charger (Cigarette Lighter Adapter)
- DC-DC Cable
- 10-in-1 Connector Set
- User Manual (this document)

Inspect all components for any visible damage. If any items are missing or damaged, contact Takki customer support immediately.

3.2 Initial Charging

It is recommended to fully charge the power station before its first use to optimize battery performance and longevity.

1. **AC Wall Charging:** Connect the AC wall adapter to the DC Input port (16.4V-24V) on the power station and plug the adapter into a standard wall outlet. A full charge typically takes 6-8 hours.
2. **Car Charging:** Connect the car charger to the DC Input port and plug it into your vehicle's cigarette lighter socket. This method is suitable for charging on the go and typically takes 8-10 hours for a full charge.
3. **Solar Charging:** Unfold the 40W solar panel and place it in direct sunlight. Connect the solar panel to the DC Input port (16.4V-24V) using the appropriate DC-DC cable and connector. Solar charging can take 7-8 hours to reach 80% charge, depending on sunlight intensity.



Figure 3.1: Three convenient methods for recharging your Takki T638 Portable Power Station.



Figure 3.2: Charging the Takki T638 using the included 40W foldable solar panel.

4. OPERATION

4.1 Powering On/Off

To power on the unit, press and hold the main power button (usually indicated by a power symbol) until the display illuminates. To power off, press and hold the same button until the display turns off.

4.2 Using Output Ports

The Takki T638 features various output ports to accommodate different devices:

- **AC Outlets (110V):** Press the 'AC' button to activate the AC outlets. Plug in your devices that require standard wall power. Ensure the total wattage of connected devices does not exceed 300W.
- **DC Output (12-16.8V):** Press the 'DC' button to activate the DC output. Use this for devices compatible with 12V DC power.
- **USB-A Ports (18W QC 3.0):** These ports provide fast charging for compatible USB devices. Simply plug in your USB cable.
- **USB-C PD Ports (18W PD):** These ports support Power Delivery for faster charging of compatible USB-C devices.

The power station's display will show the remaining battery level and active output indicators (AC, DC, USB). Always monitor the power consumption of your devices to ensure they do not exceed the power station's limits.

300W (Peak 350W) Powerful AC Output

Big 240Wh capacity fulfill your needs, compatible with most devices within 300W



Figure 4.1: The Takki T638 can power small appliances like a cooking pot for outdoor activities.

5. MAINTENANCE

5.1 General Care

- Keep the power station clean and dry. Avoid exposure to extreme temperatures, direct sunlight for prolonged periods (when not charging), and high humidity.
- Use a soft, dry cloth to clean the exterior. Do not use abrasive cleaners or solvents.
- Ensure the cooling vents are clear of obstructions to allow for proper airflow and prevent overheating.

5.2 Battery Longevity

To maximize the lifespan of the lithium-ion battery, it is recommended to:

- Fully charge the unit before long-term storage.
- Recharge the unit at least once every 3-6 months, even if not in use, to prevent deep discharge.
- Store the power station in a cool, dry place away from direct heat sources.

6. TROUBLESHOOTING

6.1 Power Station Not Turning On

- Ensure the battery is not completely depleted. Connect the power station to an AC outlet or solar panel for charging.
- Press and hold the power button for a few seconds to ensure it registers.

6.2 Devices Not Charging/Powering On

- **Output Overload:** If the total power consumption of connected devices exceeds 300W, the power station may shut down to protect itself. Disconnect some devices and restart the unit. Using devices over 300W may damage the power station.
- **Port Activation:** Ensure the correct output (AC, DC, USB) is activated by pressing its respective button. The indicator light for the active output should be on.
- **Cable Connection:** Check that all cables are securely connected to both the power station and your devices.
- **Device Compatibility:** Verify that your device's voltage and wattage requirements are compatible with the power station's outputs.

6.3 Slow Charging of Devices

- Ensure you are using the appropriate port for fast charging (e.g., QC 3.0 for USB-A, PD for USB-C).
- Check the charging cable. A damaged or low-quality cable can significantly reduce charging speed.
- Some devices may have specific charging protocols that limit speed.

7. SPECIFICATIONS

Feature	Specification
Model Name	Solar Generator T638
Battery Capacity	240Wh (65000mAh)
Battery Type	Lithium Ion
AC Output	2 x 110V AC, 300W (350W Peak), 60Hz
DC Output	1 x 12-16.8V DC
USB-A Output	2 x 18W QC 3.0
USB-C Output	2 x 18W PD
DC Input (Charging)	16.4V-24V (for AC adapter, car charger, solar panel)
Solar Panel Included	40W Foldable Solar Panel (Monocrystalline Silicon)
Dimensions (Power Station)	8.74"L x 5.28"W x 5.98"H
Item Weight	6.2 Pounds
Material	ABS
Runtime	48 minutes (under specific load conditions)



Figure 7.1: Detailed dimensions of the Takki T638 Power Station and its accompanying 40W Solar Panel.

8. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please refer to the official Takki website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.

Contact Information: Please visit the official Takki brand store or website for the most up-to-date contact details.

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