

imuto T600-G

imuto T600-G Portable Power Station User Manual

Model: T600-G | Capacity: 622Wh / 172800mAh

1. INTRODUCTION

Thank you for choosing the imuto T600-G Portable Power Station. This device is designed to provide reliable power for various applications, from outdoor adventures like camping and car trips to emergency backup during power outages. Featuring a large capacity of 622Wh (172800mAh) and multiple output ports, it can power up to 9 devices simultaneously. Please read this manual carefully to ensure safe and optimal use of your power station.

Your browser does not support the video tag.

Video Description: This video demonstrates the imuto T600-G Portable Power Station in various outdoor settings, showcasing its use for powering camping equipment, laptops, drones, and projectors for entertainment. It highlights the product's portability and versatility.

2. PRODUCT OVERVIEW

The imuto T600-G is a high-capacity portable power station designed for versatility and reliability. It features a robust design with multiple output options to meet diverse power needs.

Key Features:

- **High Capacity:** 622Wh / 172800mAh lithium-ion battery.
- **Multiple Outputs:** 2x AC ports (600W max, 1000W peak), 2x DC ports (120W max), 1x USB-C PD port (100W max), 3x USB-A ports (36W max), and a car charger port (120W max).
- **Txin Turbo Fast Charging:** Achieves 0% to 80% charge in approximately 2.5 hours using dual DC and USB-C PD inputs.
- **Pure Sine Wave Inverter:** Provides stable and clean power, suitable for sensitive electronics.
- **Smart LCD Display:** Shows battery level, input/output wattage, and estimated remaining usage time.

- **Integrated LED Light:** Features a bright LED light with SOS flash mode for emergencies.
- **Advanced Safety Management:** Built-in Battery Management System (BMS) and smart temperature control for comprehensive protection.

622Wh (172800mAh) 大容量と 600W高出力

瞬間最大1000W、5つの出力ポートで、最大9台のデバイスを同時充電

USB-Cポート
(PD 100W)

ACポート
*2



携帯電話
(3687mAh)

37回



PS5ゲーム
(1560mAh)

87回



テレビ 32インチ
(60W)

9回



プロジェクタ
(100W)

5.5回



電気炊飯器
(300W)

1.7回



MacBook13
(58.2Wh)

8.5回



Apple iPad Air 10.9インチ
(32.4Wh)

15回



扇風機
(40W)

13.5回



ジューサー
(200W)

2.6回



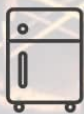
電灯
(10W)

55回

シガーソケットポート

DCポート
*2

USB-Aポート
*3



車載用冷蔵庫
(60W)

9回



オーディオ
(20W)

27回



DVD
(15W)

36.5回



懐中電灯
(1700mAh)

80回



ドローン
(40.42Wh)

12回

*imutoのラボテストのデータに基づく

Image Description: A front view of the imuto T600-G Portable Power Station, clearly showing the LCD display, AC outlets, DC input/output, USB-A ports, and USB-C PD port.



Image Description: A close-up image of the imuto T600-G Portable Power Station, emphasizing its large capacity and robust build.

3. SETUP

Before first use, ensure the power station is fully charged. Unpack all components and inspect for any damage. Place the unit on a stable, flat surface in a well-ventilated area.

Package Contents:

- 1 x 622Wh Portable Power Station
- 1 x 90W AC Charging Cable
- 1 x 10A Car Charging Cable
- 1 x DC Cable
- 1 x 100W USB-C Cable
- 1 x User Manual

4. CHARGING METHODS

The imuto T600-G offers four efficient ways to recharge its internal battery:

1. **AC Adapter Charging:** Connect the provided 90W AC charging cable to a standard wall outlet. Full charge takes approximately 6.8 hours.
2. **Car Charger Charging:** Use the 10A car charging cable to recharge from your vehicle's 12V outlet. Full charge takes approximately 6.8 hours.
3. **Solar Panel Charging:** Connect a compatible 12-24V solar panel (up to 200W total, sold separately) to the DC input port. Charging time varies based on sunlight intensity, with an estimated 11 hours for a full charge using a 120W solar panel.
4. **USB-C PD Charging:** Use the 100W USB-C cable to charge via the USB-C PD port. Full charge takes approximately 8.3 hours.

For the fastest charging, utilize the Txin Turbo dual charging technology by combining DC and USB-C PD

inputs, which can charge from 0% to 80% in about 2.5 hours.

充電の方法



コンセント充電 (最大120w)

6.8 時間



ソーラーパネル充電 (最大120W)

11 時間



シガーソケット充電 (最大120w)

6.8 時間



USB-C充電 (PD 100W)

8.3 時間



*標準試験条件でのデータ SDT: 1000W/m², AM 1.5, 25 °C (38000-40000LUX).

Image Description: A visual guide illustrating the four different charging methods for the imuto T600-G Portable Power Station: AC wall outlet, solar panel, car charger, and USB-C Power Delivery.

622Wh 大容量



Image Description: The imuto T600-G Portable Power Station connected to a solar panel, providing backup power for outdoor activities near a vehicle.

5. OPERATING INSTRUCTIONS

The imuto T600-G is designed for ease of use. Follow these steps to power your devices:

Powering On/Off:

- Press and hold the 'DISPLAY ON/OFF' button to turn the unit on or off. The LCD screen will illuminate.

Using AC Outputs:

- Press the 'AC' button to activate the AC outlets. The AC indicator light will turn on.
- Plug your AC-powered devices into the AC outlets. The total output should not exceed 600W (1000W peak).
- Press the 'AC' button again to turn off the AC outlets when not in use.

Using DC Outputs:

- Press the 'DC' button to activate the DC ports and car charger port. The DC indicator light will turn on.
- Connect your DC-powered devices. The total output should not exceed 120W.
- Press the 'DC' button again to turn off the DC outputs.

Using USB Outputs:

- The USB-A and USB-C PD ports are typically always active when the unit is on.
- Plug your USB devices into the appropriate ports. The USB-C PD port supports up to 100W, and the USB-A ports support up to 36W total.

Using the LED Light:

- Press the 'LED' button to turn on the LED light.
- Press again to cycle through brightness modes or activate the SOS flash mode.
- Press and hold to turn off the LED light.

LCD Display:

The LCD screen provides real-time information:

- **Battery Level:** Displays the current charge percentage.
- **Input/Output Wattage:** Shows the power being drawn in (IN) or supplied out (OUT) in watts.
- **Estimated Remaining Time:** Automatically calculates and displays the approximate remaining usage time based on current power consumption.



Image Description: The imuto T600-G Portable Power Station in a home setting, illustrating its function as a household storage battery.

高品質のバッテリーで大容量化と高速出力入力を実現

	imuto ポータブル電源	他社 ポータブル電源
AC*2出力	600W	500W
容量	622Wh (172800mAh)	626Wh (170000mAh)
DC電圧	12-24V	12V
USB-C出力	PD100W	なし
AC電圧	100V/110V/230V	100V
AC出力モード	純正弦波	
DC*2出力 5525ポート	13.3V/10A 133W Max	12V/10A 120W Max
DC*1入力	12V-24V/10A 最大120W	25.2V-3.5A 最大88W
Txin Turbo充電テクノロジー	3小时 (220W 最大)	9小时 (120W 最大)
USB-A*3出力	36W 最大	30W 最大
製品サイズ	290*216*205mm	300*192*193mm
製品サイズ	6.5Kg	6.3Kg

Image Description: The imuto T600-G Portable Power Station actively charging a laptop, drone, and camera, demonstrating its multi-device charging capability in an outdoor environment.

6. MAINTENANCE

To ensure the longevity and optimal performance of your imuto T600-G Portable Power Station, follow these maintenance guidelines:

- **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.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or immerse the unit in water.
- **Operating Temperature:** The power station operates best between 0°C and 40°C (32°F and 104°F). Operating outside this range may affect performance or cause the unit to shut down.
- **Ventilation:** Ensure proper ventilation during use and charging to prevent overheating. Do not block the ventilation openings.

7. SAFETY PRECAUTIONS

Your safety is paramount. Adhere to the following safety guidelines:

- Do not disassemble, repair, or modify the unit.
- Keep away from fire, water, and extreme temperatures.
- Do not use if the unit is damaged or appears faulty.
- Keep out of reach of children and pets.
- Ensure proper ventilation during use and charging. The unit may become slightly warm during charging, which is normal.
- Avoid dropping or subjecting the unit to strong impacts.
- The built-in smart chip provides multiple security protections, including input over-voltage, input under-voltage, output over-voltage, overload, over-current, short circuit, and over-temperature protection.



Image Description: An exploded view of the imuto T600-G Portable Power Station, illustrating its internal components and advanced safety management system, including BMS and smart temperature control.

8. TROUBLESHOOTING

If you encounter issues with your imuto T600-G, please refer to the following common problems and solutions:

- **Unit not turning on:** Ensure the battery is charged. Press and hold the power button for a few seconds.
- **No output from ports:** Ensure the specific output (AC/DC) is activated by pressing its respective button.

Check if the device you are trying to power exceeds the maximum wattage.

- **Slow charging:** Verify that the charging adapter/cable is correctly connected and functioning. For solar charging, ensure optimal sunlight exposure. Using dual input (DC + USB-C PD) will significantly speed up charging.
- **Overheating:** If the unit feels excessively hot, disconnect all devices and charging cables. Move the unit to a cooler, well-ventilated area. The unit has built-in temperature protection and may shut down automatically if it overheats.
- **LCD display not working:** Try turning the unit off and on again. If the issue persists, contact customer support.

For any persistent issues or concerns not covered here, please contact imuto customer service for assistance.

9. SPECIFICATIONS

Detailed technical specifications for the imuto T600-G Portable Power Station:

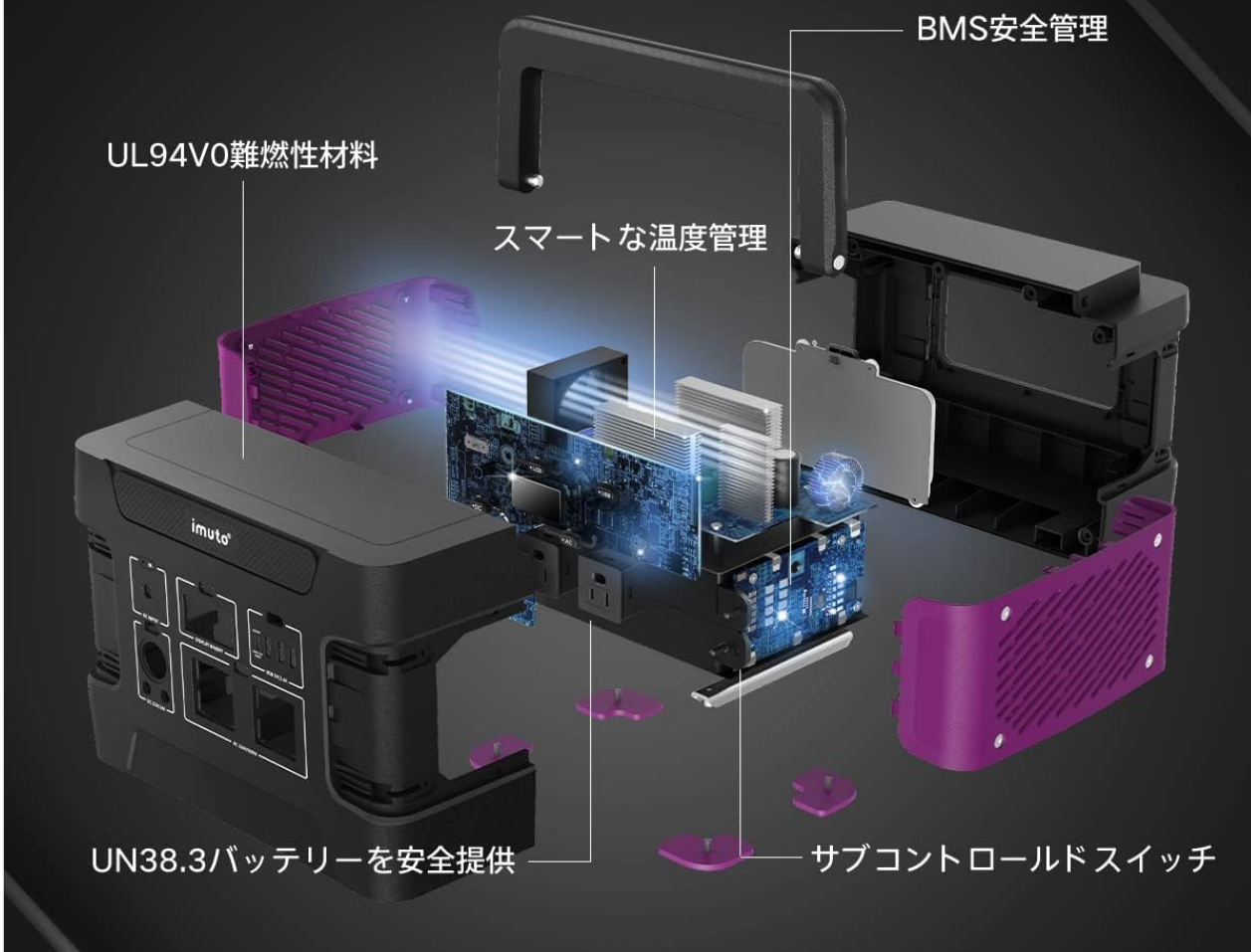
Feature	Specification
Brand	imuto
Model Number	T600-G
Battery Capacity	622Wh / 172800mAh
Battery Type	Lithium-ion
AC Output	2x AC ports, 600W (1000W Peak), Pure Sine Wave, 100V/110V/230V
DC Output	2x DC ports (Max 120W), 1x Car Charger port (Max 120W)
USB-C Output	1x USB-C PD 100W
USB-A Output	3x USB-A ports (Max 36W total)
DC Input	12V-24V/10A (Max 120W)
Txin Turbo Charging	2.5 hours (0-80%) with dual input (Max 220W)
Dimensions (L x W x H)	21.6 cm x 29 cm x 20.5 cm
Weight	6.5 kg
Operating Temperature	0°C to 40°C (32°F to 104°F)
Certifications	PSE, CE, UN38.3, RoHS, FCC, ETL



Image Description: A comparison table highlighting the superior features and specifications of the imuto T600-G Portable Power Station against a competitor's model, focusing on output, capacity, and charging technology.

高度な安全管理

BMS安全管理とスマートな温度コントロール搭載



UN38.3



*この商品はPSE,CE,UN38.3など認証適合証明書の上で、二重安全保護を提供します。

Image Description: A diagram showing the physical dimensions (length, width, height) of the imuto T600-G Portable Power Station.

10. WARRANTY AND SUPPORT

imuto provides a **24-month warranty** for the T600-G Portable Power Station from the date of purchase. This warranty covers manufacturing defects and ensures reliable performance.

If you encounter any problems or have questions regarding your product, please do not hesitate to contact our customer service team. We are committed to providing prompt and helpful support.

Contact Information: Please refer to the contact details provided on the imuto official website or your purchase platform for customer service.