Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

pangootek R600

pangootek R600 Portable Power Station User Manual

Model: R600 | Brand: pangootek

1. Introduction

The pangootek R600 Portable Power Station is a versatile and reliable power solution designed for various applications, including camping, outdoor activities, and emergency backup during power outages. It features a durable LiFePO4 battery, multiple output ports, and flexible recharging options to keep your devices powered wherever you are.



Image: The pangootek R600 Portable Power Station, a compact black unit with orange accents and a digital display.

2. Product Features

- **High Function & Safety:** Equipped with LiFePO4 batteries for superior thermal and chemical stability, offering over 2000 cycles and more than 10 years of reliable usage. Includes built-in protection against over-voltage, over-current, and over-temperature, with a Battery Management System (BMS) for continuous monitoring.
- **9 Output & Fast Charge:** Features 1x 60W PD output, 1x 30W PD Type-C output, 2x 110V 600W AC pure sine wave outlets (1200W Peak), 2x DC outputs (12V/10A), 2x QC 3.0 USB outputs (5V/3A, 9V/2A, 12V/1.5A), and 1x cigarette lighter output (12V/10A).
- **3 Ways to Recharge:** Can be recharged via DC with the included wall charger (3-5 hours), solar panels (100W panel in 5-8 hours, panel and cable not included), or the included 12V car charger (3-5 hours).
- **600W Pure Sine Wave:** Delivers clean and stable electricity, ideal for sensitive devices like CPAP machines and laptops, ensuring optimal performance and longevity.

3. Package Contents

The following items are included with your pangootek R600 Portable Power Station:

- 1x pangootek R600 Power Station
- 1x AC Wall Charger
- 1x Car Port Cable
- 1x User Manual

4. Product Diagram and Components

Familiarize yourself with the various ports and controls on your power station.



Image: The pangootek R600 Portable Power Station connected to multiple devices, illustrating its 9 output ports.

Front Panel Overview:

- **12V 10A Car Port:** For connecting car-powered devices.
- **DC ON/OFF Button:** Activates/deactivates DC outputs.
- **DC Outputs (2x 12V/10A):** For DC-powered devices.
- **Input Port:** For recharging the power station via AC wall charger, car charger, or solar panel.
- **USB ON/OFF Button:** Activates/deactivates USB outputs.
- **QC 3.0 USB Outputs (2x):** For fast charging compatible USB devices.
- **PD 30W Type-C Output:** For power delivery charging.
- **PD 60W Type-C Output:** For higher power delivery charging.
- **AC ON/OFF Button:** Activates/deactivates AC outlets.
- **Power ON/OFF Button:** Main power control for the unit.
- **AC 110V 600W Pure Sine Wave Outlets (2x):** Standard AC outlets for household appliances.

- **Digital Display:** Shows battery percentage, wattage input/output, and remaining usage time.

Rear Panel Overview:

- **Integrated Flashlight:** Provides illumination with multiple modes.

5. Setup

1. **Initial Charge:** Before first use, fully charge the power station using the AC wall charger until the digital display shows 100%.
2. **Power On:** Press and hold the 'Power ON/OFF' button for 3 seconds to turn on the unit. The digital display will illuminate.
3. **Connect Devices:** Plug your devices into the appropriate output ports (AC, DC, USB, Type-C).

6. Operating Instructions

Digital Display:

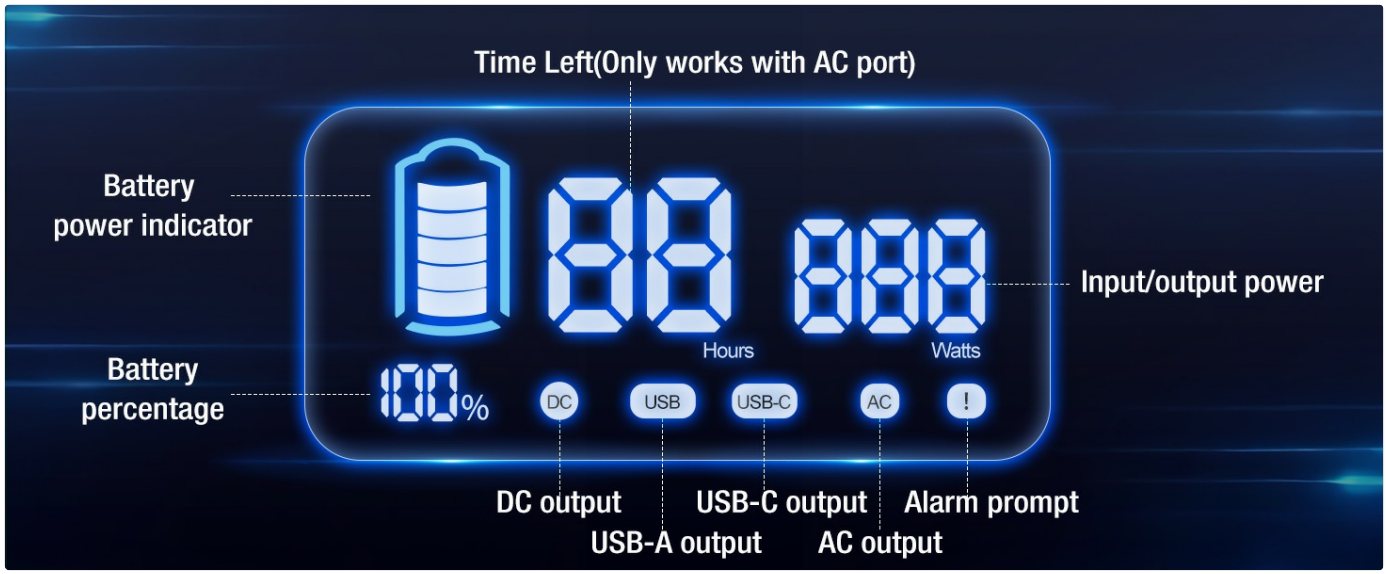


Image: Close-up of the power station's digital display, indicating battery percentage, input/output wattage, and estimated remaining hours.

- The display provides real-time information on battery charge level, current power input/output in watts, and estimated remaining usage time.

Activating Outputs:

- **AC Outlets:** Press the 'AC ON/OFF' button to enable the 110V AC outlets. The AC indicator on the display will light up. Press again to turn off.
- **USB Ports:** Press the 'USB ON/OFF' button to enable the USB-A and Type-C ports. The USB indicator on the display will light up. Press again to turn off.
- **DC Outputs (12V/10A & Car Port):** Press the 'DC ON/OFF' button to enable the DC outputs and car port. The DC indicator on the display will light up. Press again to turn off.

Using the Flashlight:



Image: The pangootek R600 Portable Power Station's integrated flashlight illuminating a campsite at night, demonstrating its various light modes.

- Locate the flashlight button on the rear panel of the unit.
- Press once for Low Light Mode.
- Press a second time for High Light Mode.
- Press a third time for SOS Mode (flashing signal).
- Press a fourth time for Strobe Mode.
- Press a fifth time to turn off the flashlight.

7. Charging Methods

The pangootek R600 offers multiple ways to recharge:



Image: The pangootek R600 Portable Power Station being recharged via solar panel, car charger, and standard AC wall outlet.

- **AC Wall Charger:** Connect the included AC wall charger to the Input Port and plug it into a standard wall outlet. Full charge typically takes 3-5 hours.
- **12V Car Charger:** Connect the included car port cable to the Input Port and plug it into your vehicle's 12V cigarette lighter socket. Full charge typically takes 3-5 hours.
- **Solar Panel:** Connect a compatible 100W solar panel (not included) to the Input Port. Charging time varies based on sunlight intensity, typically 5-8 hours for a full charge.

Official Product Video: Charging and Features

Video: Official product video showcasing the pangootek R600 Portable Power Station, highlighting its features, various ports, and portability for outdoor and indoor use, including charging demonstrations.

8. Maintenance

Proper maintenance ensures the longevity and optimal performance of your power station.



Image: A graphic illustrating key maintenance tips for the power station, including charging recommendations.

- Do not recharge the battery after it has been completely used up. It is best to ensure that there is still some power left in the battery each time you recharge it.
- If the battery needs to be stored for a long time, it is best not to store it after it is fully charged. It is enough to charge it to 85%-90%.
- Please also charge it during storage period, preferably once a month. Leaving it for a long time without using or charging may cause battery loss and lead to a depletion of battery life.
- Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- Clean the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.

9. Troubleshooting

If you encounter issues with your pangootek R600, please refer to the following common troubleshooting steps:

- **Unit Not Powering On:** Ensure the battery is charged. Press and hold the 'Power ON/OFF' button for 3 seconds. If the unit still does not power on, try connecting it to the AC wall charger.
- **Devices Not Charging:** Ensure the specific output (AC, USB, DC) is activated by pressing its respective ON/OFF button. Check if the device is properly connected and if its power requirements are within the power station's limits.
- **Inaccurate Battery Display:** The battery display may sometimes show an inaccurate reading, especially after initial use or prolonged storage. This is normal. Fully discharge the unit and then fully recharge it once or twice to recalibrate the display.
- **Overload Protection:** If the power station detects an overload, it may shut down automatically. Disconnect the device causing the overload, wait a few minutes, and then restart the power station.

For further assistance, please contact customer support.

10. Specifications

Feature	Specification
Brand	pangootek
Model Name	R600
Wattage (Peak)	1200 Watts
Running Wattage	600 Watts
Output Wattage	600 Watts
Fuel Type	Solar
Power Source	Battery Powered
Item Weight	8.7 Pounds
Product Dimensions	8.96"L x 5.74"W x 7.45"H
Special Feature	Lightweight, Overload Protection, Super Quiet
Total Power Outlets	9 (various types)
UPC	797422331934

11. Warranty and Support

Your pangootek R600 Portable Power Station comes with comprehensive support and warranty:

- **Warranty:** 1-year warranty from the date of purchase.
- **Money-Back Guarantee:** 30-day money-back guarantee.
- **Customer Service:** 24-hour prompt customer service. If you have any questions or concerns, please do not hesitate to contact us.

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

Open the live page

https://manuals.plus/asin/B0DKFCB6QH

More documents and user manuals: **https://manuals.plus/**