

LIBRIDS C600

LIBRIDS Portable Power Station C600 User Manual

Model: C600 (H1008)

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your LIBRIDS Portable Power Station C600. This device is a versatile 640Wh, 600W solar generator equipped with a LiFePO4 battery, designed for various applications including home backup, camping, and outdoor activities. It features a 10ms Uninterruptible Power Supply (UPS) function and multiple output ports for charging diverse electronic devices.



Image: The LIBRIDS Portable Power Station C600 providing power in a home environment, demonstrating its versatility for indoor and outdoor use.

2. SAFETY INSTRUCTIONS

Read all safety warnings and instructions carefully before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the unit.
- Do not place the unit near fire or expose it to high temperatures.
- Do not use or store the unit in direct sunlight or in hot environments.
- Do not use or store the unit in a bathroom or in areas exposed to water or moisture.

- Use only original or certified cables and accessories.
- Keep the unit away from children and pets.
- Ensure proper ventilation during use to prevent overheating.
- Avoid dropping, impacting, or subjecting the unit to strong vibrations.

3. PRODUCT OVERVIEW

The LIBRIDS C600 is designed for portability and robust power delivery. It features a durable metal housing and an intuitive display.

3.1. Components and Ports

The power station includes a variety of input and output ports to accommodate different devices and charging methods.



Image: Detailed view of the LIBRIDS C600's output ports, including four AC outlets, two USB-A ports, and two USB-C ports.

- **AC Outlets (x4):** Provide 120V AC power for standard appliances.
- **USB-C Ports (x2):** One 100W max and one 15W max for fast charging compatible devices.
- **USB-A Ports (x2):** One QC3.0 (24W max) and one 15W max for charging various USB devices.
- **LCD Display:** Shows real-time battery percentage, input/output power, and operational status.
- **Power Button:** To turn the unit on/off.
- **AC On/Off Button:** To activate/deactivate AC output.

4. SETUP

4.1. Initial Charging

Before first use, fully charge the LIBRIDS C600. Connect the power station to a wall outlet using the provided AC charging cable. The unit can reach a full charge in approximately 1.5 hours.

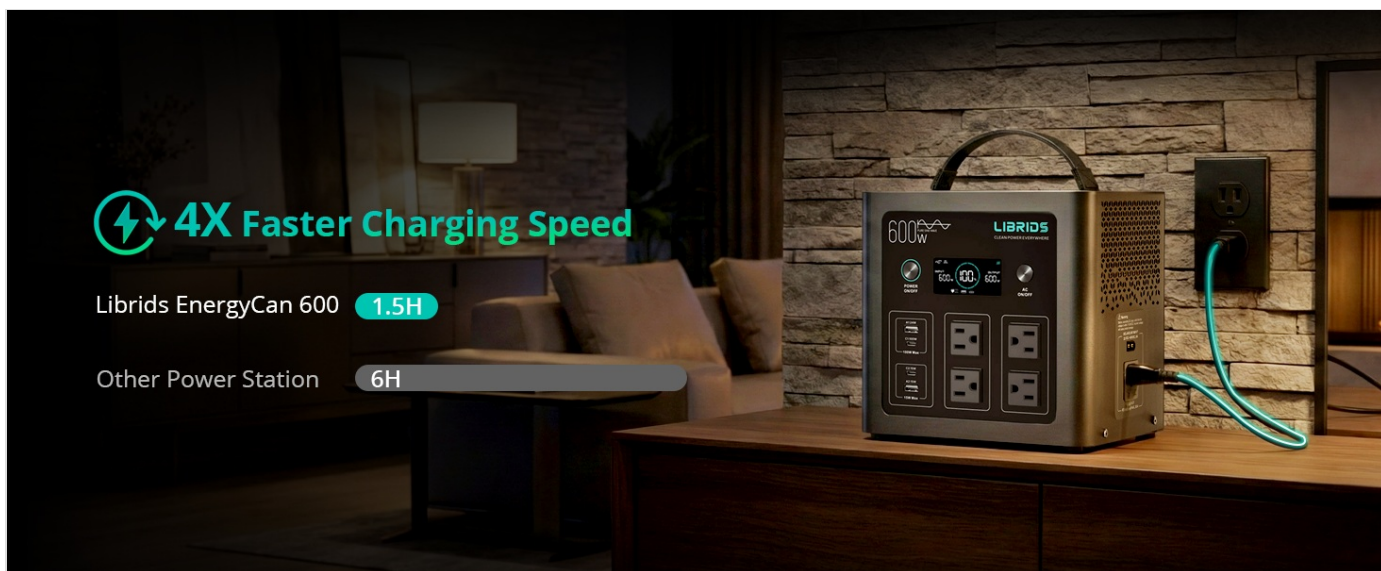


Image: The LIBRIDS C600 connected to a wall outlet for AC charging, demonstrating its 1.5-hour fast charge feature.

5. OPERATING INSTRUCTIONS

5.1. Turning On/Off

Press and hold the main power button for a few seconds to turn the unit on or off. The LCD display will illuminate upon activation.

5.2. Charging the Power Station

The LIBRIDS C600 offers multiple recharging options:

- **AC Input:** Connect to a standard wall outlet for a full charge in approximately 1.5 hours.
- **Solar Input:** Connect compatible solar panels (up to 300W) for charging in approximately 2.5 hours (depending on sunlight conditions).
- **Car Input:** Use a car charger (up to 300W) to charge the unit in approximately 2.5 hours while on the go.
- **Gas Generator Input:** Can be charged via a gas generator (up to 600W) in approximately 1.5 hours.

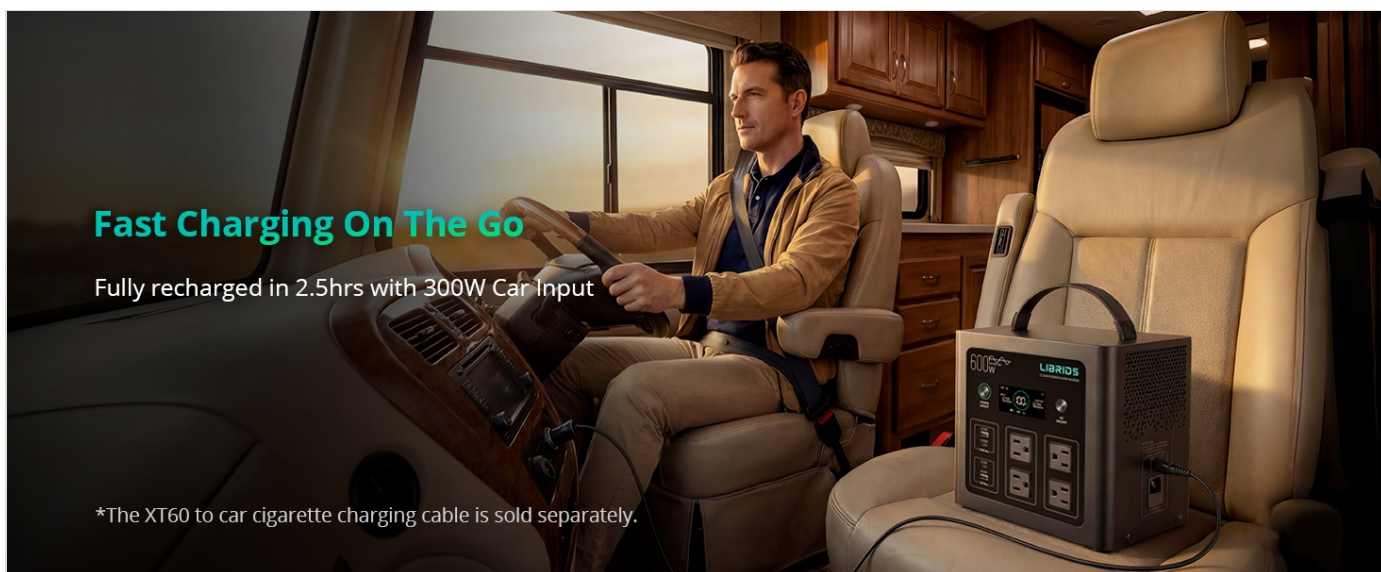


Image: The LIBRIDS C600 charging inside a vehicle, demonstrating its utility for road trips and mobile power needs.

5.3. Using the Power Station (Discharging)

To use the output ports:

- **AC Output:** Press the AC On/Off button to activate the AC outlets. Plug in your devices. Press again to turn off.
- **USB Output:** USB ports are typically active when the unit is on. Simply plug in your USB devices.

5.4. UPS Function

The LIBRIDS C600 features a built-in 10ms Uninterruptible Power Supply (UPS). When connected to an AC wall outlet and simultaneously powering devices via its AC outputs, the unit will automatically switch to battery power within 10 milliseconds during a power outage. This ensures continuous operation for sensitive electronics like WiFi routers or CPAP machines.



Image: The LIBRIDS C600 providing uninterrupted power to a computer setup, showcasing its 10ms UPS capability during a power interruption.

5.5. Pure Sine Wave Output

The power station provides a pure sine wave output, which is crucial for sensitive electronics. This ensures clean, stable, and quiet power delivery, preventing damage and ensuring optimal performance for devices such as laptops, medical equipment, and CPAP machines.



Image: A visual representation of pure sine wave output, emphasizing its benefits for sensitive electronics compared to modified sine wave.

6. MAINTENANCE

6.1. Battery Care

The LIBRIDS C600 uses an automotive-grade LiFePO4 battery, rated for over 4000 charge cycles to 80% capacity. To maximize battery lifespan:

- Avoid fully discharging the battery frequently.
- Recharge the unit at least once every 3-6 months if not in regular use.
- Store the unit in a cool, dry place, ideally between 0°C and 45°C (32°F and 113°F).



Image: An illustration of the LiFePO4 battery technology within the LIBRIDS C600, emphasizing its long cycle life and durability.

6.2. Cleaning and Storage

- Wipe the exterior with a dry, soft cloth. Do not use abrasive cleaners or immerse in water.
- Store the unit in a well-ventilated area, away from direct sunlight and extreme temperatures.
- The durable metal enclosure provides improved heat dissipation and safety.



Image: The LIBRIDS C600 demonstrating its robust metal housing, designed for durability and safety.

7. TROUBLESHOOTING

If you encounter issues with your LIBRIDS C600, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	Battery is completely discharged; Power button not pressed correctly.	Charge the unit via AC input; Press and hold the power button firmly.
AC outlets not working	AC output not activated; Overload protection triggered.	Press the AC On/Off button; Reduce the load on AC outlets.
Unit not charging	Charging cable loose or faulty; Input source issue; Extreme temperature.	Check cable connections; Verify input source is active; Move unit to optimal charging temperature range (0°C to 45°C).
Display not working	Unit is off; Software glitch.	Turn the unit on; Try restarting the unit.

8. SPECIFICATIONS

Technical specifications for the LIBRIDS Portable Power Station C600 (Model H1008).

Librids EnergyCan C600 Portable Power Station Tech Specs			
Model	H1008	UPS	10ms
Net Weight	7.4kg	AC Charging	85VAC - 140VAC, 50/60Hz, 600W (Max)
Dimension	8.3x7.0x8.2 Inch	DC Charging	Solar and Car: 11-60V, 8A, 300W (Max)
All USB Output	115W (Max) A1+C1=100W Max, A2+C2=15W Max	AC Output	AC (x4), 120VAC, 50Hz/60Hz 600W (Max) Pure Sine Wave
USB-A1 Output	5V 4.8A, 9V 2A, 12V 2A, 24W (Max)	Cycle Life	4,000 cycles to 80% capacity
USB-C1 Output	5V 3A, 9V 3A, 12V 3A, 15V 3A 20V 5A, 100W (Max)	Optimal Operating Temperature	20°C~30°C (68°F~86°F)
USB-A2 Output	5V 3A, 15W (Max)	Discharging Temperature	-20°C~45°C (-4°F~113°F)
USB-C2 Output	5V 3A, 15W (Max)	Charging Temperature	0°C~45°C (32°F~113°F)
Battery Capacity	640Wh LFP	Storage Temperature	0°C~45°C (32°F~113°F)

Image: Comprehensive technical specifications for the LIBRIDS C600 power station.

Feature	Detail
Model Name	H1008
Capacity	640Wh LFP (LiFePO4)
AC Output	4 x 120V, 50/60Hz, 600W (Max), Pure Sine Wave
Engine Power Maximum	1200 Watts
Starting Wattage	1200 Watts
USB-A Output	5V 4.8A, 9V 2A, 12V 2A, 24W (Max)
USB-C1 Output	5V 3A, 9V 3A, 12V 3A, 15V 3A, 20V 5A, 100W (Max)
USB-A2 Output	5V 3A, 15W (Max)

Feature	Detail
USB-C2 Output	5V 3A, 15W (Max)
AC Charging Input	85VAC - 140VAC, 50/60Hz, 600W (Max)
DC Charging Input (Solar/Car)	11-60V, 8A, 300W (Max)
UPS Switching Time	10ms
Cycle Life	4,000 cycles to 80% capacity
Optimal Operating Temperature	20°C-30°C (68°F-86°F)
Discharging Temperature	-20°C-45°C (-4°F-113°F)
Charging Temperature	0°C-45°C (32°F-113°F)
Storage Temperature	0°C-45°C (32°F-113°F)
Dimensions (L x W x H)	8.3"L x 6.9"W x 8.2"H
Net Weight	7.4kg (16.3 lbs)
Material Type	Metal

9. WARRANTY AND SUPPORT

The LIBRIDS Portable Power Station C600 comes with a **5-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use. For technical support, warranty claims, or any inquiries, please refer to the contact information provided on the LIBRIDS official website or your purchase documentation.

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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

Answered questions about this manual

How do I reset the LIBRIDS C600 Portable Power Station when it shows an overload error and is not charging?

The LIBRIDS C600 Portable Power Station manual does not explicitly describe a 'reset' procedure for an overload error. However, it does provide troubleshooting steps for an 'overload protection triggered' issue and for the unit...

[Read full answer](#)