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› ENOFLO Portable Power Station G300 User Manual

ENOFLO G300

ENOFLO Portable Power Station G300 User Manual

Model: G300 | Brand: ENOFLO

1. INTRODUCTION AND OVERVIEW

The ENOFLO Portable Power Station G300 is a versatile and compact power solution designed for various applications, including outdoor activities, camping, RV trips, and emergency home use. With a 228Wh capacity and 300W pure sine wave AC output, it can power a wide range of electronic devices and small appliances. This manual provides essential information for safe and efficient operation, maintenance, and troubleshooting.



Figure 1: ENOFLO Portable Power Station G300, a compact and versatile power source.

2. PRODUCT FEATURES

- **228Wh Capacity & 300W Output:** Provides 300W (600W surge) pure sine wave power, suitable for most laptops, phones, lights, fans, CPAP machines, and small appliances (rated power less than 300W).
- **Multiple Output Ports:** Equipped with 2x USB-A (5V/3.1A), 1x USB-C (12V/1.5A, 9V/2A), 2x 110V/300W Pure Sine Wave AC Outlets, 2x DC ports (12V/8A, 24V/3A), 1x Cigarette Lighter port (12V/8A), and 1x Wireless Charging pad. Supports charging up to 9 devices simultaneously.
- **Three Ways to Recharge:** Can be recharged via AC wall outlet (6-7 hours), car port (7-8 hours), or compatible solar panel (6-7 hours with ENOFLO YT30/YT60, sold separately) thanks to the built-in MPPT controller.
- **Integrated LED Light:** Features a large LED light panel on the back with multiple modes (steady, blink, SOS) for illumination in dark environments.
- **Advanced Safety Features:** Built-in Battery Management System (BMS) monitors voltage, current, and temperature, providing protection against over-voltage, over-current, overload, over-charge, over-heat, and short-circuits.
- **Compact and Portable:** Weighs only 6.2 pounds with dimensions of 6 x 5.5 x 10 inches, making it easy to carry with its foldable handle.

MULTIPLE OUTPUTS FIT YOUR NEEDS

Supports charging for 9 devices same time



Figure 2: Diagram illustrating the various output ports and features of the power station.

POWER UP TO 99% OF YOUR DEVICES



Figure 3: The power station can charge up to 9 devices simultaneously, including phones, laptops, and small appliances.

3. SETUP

Before first use, it is recommended to fully charge your ENOFLO Portable Power Station G300. This ensures optimal battery performance and longevity.

3.1 Initial Charging (AC Wall Outlet)

1. Locate the included AC adapter and power cable.
2. Connect the AC adapter to the "INPUT" port on the power station.
3. Plug the AC power cable into a standard 110V wall outlet.
4. The LCD screen will indicate charging status. A full charge typically takes 6-7 hours.

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- ATTENTION:
1. IMPORTANT: Recharge the power station every 3 months.
 2. Never disassemble, puncture, scratch, crush or incinerate.
 3. Keep dry and do not expose to high temperature environment.



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AC Home Charger

12V Car Port Charging Cable

Figure 4: The power station comes with an AC adapter and a 12V car port charging cable.

DIFFERENT WAYS FOR YOU TO RECHARGE



Solar Charging
6-7Hrs



Wall Outlet
6-7Hrs



Car Port
7-8Hrs

Figure 5: The power station can be recharged via solar panel, wall outlet, or car port.

4. OPERATING INSTRUCTIONS

The ENOFLO G300 features an intuitive interface with clear indicators for easy operation.

4.1 Powering On/Off

- To power on the unit, press and hold the main power button (usually marked with a power symbol) for approximately 3 seconds until the LCD screen illuminates.
- To power off, press and hold the main power button again for 3 seconds.

4.2 Using DC Outputs (USB-A, USB-C, DC Ports, Cigarette Lighter)

- Press the "DC" button (located near the DC ports) to activate the DC outputs. The LCD screen will show "DC" output wattage.
- Connect your devices to the appropriate USB-A, USB-C, 12V/24V DC ports, or the 12V cigarette lighter port.
- To deactivate DC outputs, press the "DC" button again.

4.3 Using AC Outlets

- Press the "AC" button (located near the AC outlets) to activate the 110V AC outputs. The LCD screen will show "AC" output wattage.
- Plug your AC-powered devices into the outlets. Ensure the device's power consumption does not exceed 300W.
- To deactivate AC outputs, press the "AC" button again.

4.4 Wireless Charging

- Place your Qi-compatible smartphone on the wireless charging pad located on top of the power station.
- Ensure the phone is centered on the charging symbol for optimal connection. The phone's screen should indicate charging.

4.5 LED Light Operation

- Press the dedicated light button (usually marked with a lightbulb symbol) on the side of the unit to turn on the LED light.
- Press the button repeatedly to cycle through different modes: steady illumination, blinking, and SOS signal.
- Press and hold the button to turn off the light.

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Video 1: Demonstration of the portable power station's wireless charging and various output ports.

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Video 2: Overview of the portable power station's features and compact design.

5. MAINTENANCE

- **Regular Recharging:** To maintain battery health, recharge the power station at least once every 1-2 months, even if not in use.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use abrasive cleaners or immerse the unit in water.

6. TROUBLESHOOTING

This section provides general troubleshooting tips. For specific issues, refer to the detailed user manual or contact customer support.

- **Unit Not Turning On:** Ensure the battery is charged. If completely depleted, it may take a few minutes of charging before the unit responds.
- **Device Not Charging:** Verify that the correct output port is activated (DC or AC). Check the device's power requirements to ensure they are within the power station's limits (300W for AC). Ensure cables are securely connected.
- **Overload Protection Activated:** If the unit shuts down unexpectedly, it may be due to an overload. Disconnect the device(s) and restart the power station. Reduce the load before reconnecting.
- **Overheat Protection:** If the unit feels excessively hot and shuts down, allow it to cool down in a well-ventilated area before resuming use.

7. SPECIFICATIONS

Feature	Specification
Model Number	G300
Battery Capacity	228Wh (61600mAh, 3.7V)
AC Output	110V, 60Hz, 300W (Pure Sine Wave)
USB-A Output	2x 5V/3.1A Total
USB-C Output	1x 18W (12V/1.5A, 9V/2A)
DC Output	2x (12V/8A, 24V/3A)
Cigarette Lighter Port	1x 12V/8A
Wireless Charging	Yes
Input Voltage (Charging)	13V-25V (AC Adapter, Car Charger, Solar Panel)
Product Dimensions	6 x 5.5 x 10 inches
Item Weight	6.2 pounds
Manufacturer	Hengke Energy(GuangDong) Co., Ltd

8. WARRANTY AND SUPPORT

ENOFLO provides prompt and friendly customer service. If you have any questions or require assistance with your G300 Portable Power Station, please do not hesitate to contact us.

- **Customer Service:** Available 7 days a week, 24 hours a day.
- **User Manual (PDF):** For detailed information and diagrams, you can download the official user manual: [Download User Manual PDF](#)