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Fanttik EVO300

Fanttik EVO 300 Portable Power Station User Manual

Model: EVO300 | Brand: Fanttik

1. PRODUCT OVERVIEW

The Fanttik EVO 300 Portable Power Station is a versatile and reliable backup power supply designed for various applications, including outdoor adventures, travel, RV use, and emergency situations. Featuring a 299Wh capacity and 300W (Peak 600W) pure sine wave AC output, it can power a wide range of essential devices.

Key features include a user-friendly 7-inch LCD screen for real-time monitoring of battery level, input/output power, and remaining time. It offers multiple output ports for broad device compatibility and supports fast charging options.



Figure 1: Fanttik EVO 300 Portable Power Station

2. WHAT'S IN THE Box

Upon unboxing your Fanttik EVO 300, you should find the following items:

- 1x Fanttik EVO 300 Power Station
- 1x 90W Fast Charging Power Adapter
- 1x Car Cigarette Charging Cable
- 1x USB-C to USB-C Cable
- 1x Accessory Bag
- 1x User Manual
- 1x Quick Start Guide

WHAT'S IN THE BOX



Figure 2: Included Accessories

3. SETUP

Before first use, it is recommended to fully charge your Fanttik EVO 300. The unit supports multiple charging methods:

- **Wall Outlet:** Connect the provided 90W Fast Charging Power Adapter to the input port on the power station and plug it into a standard wall outlet.
- **USB-C PD60W:** Use the included USB-C to USB-C cable with a compatible PD60W charger (not included) for additional fast charging.
- **Car Charger:** Connect the Car Cigarette Charging Cable to your vehicle's 12V outlet.
- **Solar Panel (Optional):** Connect a compatible solar panel (sold separately) to the power station's solar input port for eco-friendly charging.

The EVO 300 can be recharged by a 90W wall outlet and USB-C PD60W simultaneously, taking only 2 hours to reach 80% charge.

2.5H FAST RECHARGING

0 TO 100%, IN JUST 2.5H



Figure 3: Fast Recharging Options

4. OPERATING INSTRUCTIONS

4.1. LCD Display

The user-friendly 7-inch LCD large screen provides comprehensive real-time information:

- Battery Level (Percentage and Icon)
- Input Power (W)
- Output Power (W)
- Remaining Time of Use (Hours)
- Remaining Charging Time (Hours)
- Environmental Conditions (Temperature, etc.)



Figure 4: Ultra Large Digital Screen

4.2. Output Ports

The EVO 300 is equipped with various output ports to meet your diverse power needs:

- **DC Outputs:** Includes USB-A (5V/3A, QC 3.0), USB-C (PD 60W), and 12V DC ports (12V/10A, 12V/5A). These are ideal for charging smartphones, tablets, laptops, and other small electronics.
- **AC Outputs:** Two 110V/300W (Peak 600W) pure sine wave outlets provide stable power for larger appliances.

To activate DC or AC outputs, press the corresponding 'DC ON/OFF' or 'AC ON/OFF' button located above the ports. The display will indicate when the outputs are active.

MULTIPLE OUTPUTS

7 DC + 2 AC



Figure 5: Multiple Output Ports

4.3. Built-in Light

The power station features a built-in light on the rear panel. Press the light button to cycle through different brightness settings and an SOS flashing mode for emergencies.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Fanttik EVO 300, follow these maintenance guidelines:

- Store the power station in a cool, dry place away from direct sunlight and extreme temperatures.
- Charge the unit fully every 3-6 months, even if not in use, to maintain battery health.
- Keep the unit clean by wiping it with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.
- Ensure ventilation vents are clear of obstructions to prevent overheating.

6. TROUBLESHOOTING (FAQ)

Q1: What devices can EVO 300 power?

A: The AC output port can only charge/power devices that operate at less than total 300 Watt. It can power 90% of essential home appliances and devices rated under 300W.

Q2: Can the EVO 300 be charged while using?

A: Yes, EVO 300 supports pass-through charging. However, it is not recommended as it may cause damage to battery life over time.

Q3: Can the AC output carry a refrigerator or air conditioner?

A: Workable for low power, and over 100W is not recommended. The starting power of refrigerators and air conditioners is generally 5-7 times higher than the rated power, which easily triggers AC overload.

Q4: How to know the working times for my device? Why does the duration of some devices deviate from the actual usage data?

A: Working time = $299\text{Wh} * 0.85 / \text{operating wattage of your device}$. The duration of our equipment is based on laboratory data, and the duration of specific equipment usage may vary depending on actual usage conditions.

7. SPECIFICATIONS

Feature	Value
Brand	Fanttik
Model Name	EVO300
Wattage	300 watts
Output Wattage (Peak)	600 Watts
Power Source	Battery Powered
Item Weight	8.8 Pounds
Voltage	110 Volts
Battery Cell Type	Lithium Ion
Product Dimensions	9.84" L x 8.85" W x 6.69" H
Total Power Outlets	2 (AC)
Special Feature	MPPT Controller, Ultra Large Digital Screen, Pure Sine Wave Outlets, 2H Fast Charging

8. WARRANTY & SUPPORT

Fanttik offers 24/7 friendly customer service for any inquiries or support needs regarding your EVO 300 Portable Power Station.

For detailed warranty information and further assistance, please refer to the official User Manual provided with your product or visit the Fanttik support website.

You can also download the User Manual (PDF)[here](#).