FF FLASHFISH EA150

Portable Power Station EA150 User Manual

Model: EA150 | Brand: FF FLASHFISH

1. Introduction

Thank you for choosing the FF FLASHFISH Portable Power Station EA150. This compact and lightweight power station is designed to provide reliable power for your electronic devices during outdoor activities, camping, emergencies, or as a backup power source at home. Please read this manual carefully before using the product to ensure safe and optimal performance.



Enjoy Nature, Enjoy Portable Power: The EA150 provides convenient power for outdoor adventures.

Product Overview:

- **Wide Application:** Our 166Wh portable generator is provided with three outputs: two 110V AC outlets charge CPAP machine/tablet/laptop/ camera/drone/ fan etc, three USB ports (2 of them are quick charge ports) help for smart phone/ ipad/GPS and any electronic devices, and two DC ports can be used for vehicle tools like car cleaning and type replacement; Suitable for travel camping, fishing, outdoor activities, medical care and any emergency situations.
- **Specific Features:** With 45000mAh capacity, pure sine wave, 150W AC continuous power and 200W AC peak power, this power supply pack is able to more stably charge a number of devices for many times; Compact and lightweight design (only 4.5lb) make it more convenient taken outside.
- **Portable Power Source:** Simple to use, there is a power button on the middle to turn on the generator, so you won't

be pulling any ripcords to turn on it; it will allow you to camp and recharge power without running a noisy, super cool product for your outdoor camping and travel.

2. Safety Instructions

To ensure safe operation and prolong the lifespan of your power station, please adhere to the following safety guidelines:

- Do not disassemble, repair, or modify the unit.
- Do not place the unit near fire or expose it to direct sunlight or high temperatures.
- Do not use or store the unit in a bathroom or in areas exposed to rain or moisture.
- Use only the original or certified charging cables and adapters.
- Keep the unit away from children and pets.
- Ensure proper ventilation during use and charging. Do not cover the unit.
- Avoid dropping, heavy impacts, or strong vibrations.
- This power station is provided with overheat protection, short-circuit protection, low-voltage protection, lock-on protection, over-voltage protection and over-current protection which prevent your devices from damaging and make you use it at ease.



High Safety BMS Intelligent Protection System ensures device and user safety.

3. Package Contents

Please check the package for the following items:

- 1 x FF FLASHFISH Portable Power Station EA150 (166Wh)
- 1 x Power Adapter (for wall charging)
- 1 x Cigarette Lighter Adapter
- 1 x Car Charger
- 1 x User Manual

4. Product Diagram

Familiarize yourself with the various ports and controls of your EA150 Power Station:



Front and Rear Panel Layout of the EA150 Power Station.

1. **LCD Display:** Shows battery level, output status (AC/DC).
2. **DC Power Button:** Activates/deactivates DC outputs.
3. **DC Outputs (5.5mm):** Two 12V/10A ports for DC-powered devices.
4. **USB Outputs (5V/2.4A):** Standard USB ports.
5. **USB QC3.0 Outputs (5V-12V/3A Max):** Quick Charge 3.0 USB ports.
6. **5.5mm DC Input Port:** For charging the power station.
7. **AC Power Switch:** Turns AC outlets on/off.
8. **AC Outlets:** Two 110V AC outlets.

5. Setup

Before first use, it is recommended to fully charge the power station. Refer to the 'Charging the Power Station' section for details.

1. **Unpack:** Carefully remove the power station and all accessories from the packaging.
2. **Inspect:** Check for any visible damage. If damaged, do not use and contact customer support.
3. **Initial Charge:** Connect the power station to a wall outlet using the provided AC adapter until fully charged. The battery indicator on the LCD display will show full.

6. Operating Instructions

Turning On/Off:

- To turn on the unit, press the main power button (usually located near the display).
- To turn off the unit, press and hold the main power button until the display turns off.

Using AC Outputs:

The EA150 provides two 110V AC outlets for devices up to 150W continuous power (200W peak).

1. Ensure the power station is turned on.
2. Press the AC Power Switch to activate the AC outlets. The LCD display will show 'AC Output'.
3. Plug your device into the AC outlet.
4. After use, turn off the AC Power Switch to conserve battery.

Using DC Outputs:

The unit has two 12V DC outputs for compatible devices.

1. Ensure the power station is turned on.
2. Press the DC Power Button to activate the DC outputs. The LCD display will show 'DC Output'.
3. Plug your device into the DC output port.
4. After use, turn off the DC Power Button.

Using USB Outputs:

The EA150 features three USB ports, including two Quick Charge 3.0 ports.

1. Ensure the power station is turned on.
2. Plug your USB device into any of the available USB ports. The USB outputs are always active when the unit is on.



The EA150 offers 7 versatile outputs for all your essentials.



Fast USB Outputs: Quickly charge your phone or tablet.

7. Charging the Power Station

The EA150 offers three convenient ways to recharge:



Three convenient ways to charge your EA150 Portable Power Station.

- **Wall Outlet (AC Adapter):** Connect the provided AC adapter to the 5.5mm DC Input port on the power station and plug it into a standard wall outlet.
- **Solar Panel (Not Included):** Connect a compatible solar panel (e.g., 60W solar panel) to the 5.5mm DC Input port. Ensure the solar panel is placed in direct sunlight for efficient charging.
- **12V Car Socket (Car Charger):** Use the provided car charger to connect the power station to your vehicle's 12V cigarette lighter socket.

KINDLY NOTE: The power station cannot be charged and used at the same time. Please disconnect all output devices before charging.

8. Maintenance

- **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 maintain 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.
- **Battery Life:** The lithium-ion battery has a limited number of charge cycles. Proper care and charging habits will help extend its lifespan.

9. Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely depleted.	Charge the unit using the AC adapter for several hours.
AC output not working.	AC switch is off; Device power exceeds 150W.	Ensure AC switch is on; Check device wattage, use lower power devices.
DC/USB output not working.	DC power button is off; Device is not compatible.	Ensure DC power button is on; Check device compatibility.

Problem	Possible Cause	Solution
Unit not charging.	Charger not properly connected; Faulty charger/cable; Unit is being used while charging.	Ensure connections are secure; Try a different charger/cable; Disconnect all output devices before charging.
Unit gets hot during use/charging.	Normal operation for high power output; Poor ventilation.	Ensure adequate ventilation around the unit. If overheating persists or is excessive, discontinue use and contact support.

10. Technical Specifications

Feature	Specification
Model Name	EA150
Battery Capacity	166Wh (45000mAh)
AC Output	2 x 110V, 150W (200W Peak)
DC Output	2 x 12V/10A
USB Output	1 x 5V/2.4A, 2 x QC3.0 (5V-12V/3A Max)
Input (Charging)	DC 15V/2A
Dimensions (L x W x H)	8.3" x 4.7" x 7.1"
Weight	4.5 lbs
Operating Temperature	14°F to 104°F (-10°C to 40°C)
Charging Temperature	32°F to 104°F (0°C to 40°C)



Compact dimensions for easy portability.

11. Warranty and Support

FF FLASHFISH provides a limited warranty for this product. For detailed warranty information, including coverage period and terms, please refer to the warranty card included in your package or visit the official FF FLASHFISH website.

If you encounter any issues or have questions regarding your Portable Power Station EA150, please contact our customer support team:

- **Email:** [Insert Customer Support Email Here]
- **Phone:** [Insert Customer Support Phone Number Here]
- **Website:** Visit the FF FLASHFISH Store on Amazon

Please have your model number (EA150) and purchase information ready when contacting support.

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