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FF FLASHFISH P56

FlashFish P56 Portable Power Station User Manual

Model: P56

1. Introduction

Thank you for choosing the FlashFish P56 Portable Power Station. This device is designed to provide reliable and portable power for various applications, including outdoor activities, emergency backup, and general home use. With its high capacity and multiple output options, the P56 ensures your devices stay powered wherever you are.



Figure 1.1: The FlashFish P56 Portable Power Station. A compact, grey and black portable power station with an orange display and various output ports.

2. Safety Instructions

Please read all safety instructions carefully before using the FlashFish P56 Power Station to ensure safe operation and prevent damage to the unit or connected devices.

- Do not disassemble, repair, or modify the unit.
- Do not expose the unit to fire or extreme temperatures.
- Keep the unit away from water, moisture, and corrosive substances.
- Do not use the unit if it is damaged or has been dropped.
- Ensure proper ventilation during use to prevent overheating.
- Keep out of reach of children.



Figure 2.1: Internal Protection Features. An exploded view of the FlashFish P56 power station showing internal components, surrounded by icons representing overload protection, overcurrent protection, overheating protection, overvoltage protection, overcharge protection, and short circuit protection.

3. Product Overview

The FlashFish P56 is equipped with various ports and features for versatile power delivery.



Figure 3.1: P56 Product Structure Diagram of the Emergency Power Supply. A detailed diagram pointing out the different parts and ports of the FlashFish P56 power station, including AC connection, DC output, Type-C output, USB output, power button, and AC/DC switch.

Components and Ports:

- **AC Output Ports:** 1 x AC port (330W, 600W Peak) for household appliances.
- **DC Output Ports:** 4 x DC ports (12V/10A max) for DC-powered devices.
- **USB-C Ports:** 2 x USB-C ports for modern devices.
- **USB-A Ports:** 1 x QC3.0 USB port and 1 x USB port (5V/2A) for fast charging and standard USB devices.

- **LED Display:** Shows real-time data such as battery level, AC/DC mode, and AC output.
- **Power Button:** To turn the unit on/off.
- **AC/DC Switch:** To activate AC or DC output.

4. Setup

4.1 What's in the Box

Upon unboxing, please ensure all components are present:

- FlashFish P56 Portable Power Station
- AC Power Cable + Adapter
- Car Charger
- Cigarette Lighter Adapter
- User Manual

4.2 Initial Charging

Before first use, it is recommended to fully charge the power station. This optimizes battery performance and longevity.

1. Connect the AC wall adapter to the power station's input port.
2. Plug the adapter into a standard wall outlet.
3. The LED display will indicate charging status. Charge until the battery indicator shows full.

5. Operating Instructions

5.1 Charging the Power Station

The FlashFish P56 supports three charging methods:

- **AC Wall Adapter:** Use the included AC adapter for fast charging from a standard wall outlet.
- **Car Charger:** Use the included car charger to charge the unit from your vehicle's 12V cigarette lighter port.
- **Solar Panel (not included):** Connect a compatible 18V-22V solar panel to the DC input port for eco-friendly charging.



Figure 5.1: Three Charging Modes. Collage showing the FlashFish P56 being charged via AC wall adapter, car charger, and solar panel.

5.2 Powering Your Devices

The P56 offers multiple output options to power a wide range of devices.



Figure 5.2: Generate Power with Confidence. An illustration highlighting the various output ports: AC outlets, DC outputs, USB-A, USB-C, and wireless charger, with a camper van in the background.

- **AC Output:** Press the AC/DC switch to activate AC output. Connect devices requiring 230V AC power (e.g., laptops, small appliances) to the AC port. The pure sine wave output ensures compatibility with sensitive electronics. Ensure the total power consumption does not exceed 330W (600W peak).
- **DC Output:** Press the AC/DC switch to activate DC output. Connect 12V DC devices to the DC ports.
- **USB Output:** Connect smartphones, tablets, cameras, and other USB-powered devices to the USB-A or USB-C ports. The QC3.0 port provides fast charging for compatible devices.



Figure 5.3: Continuous AC Power 330W. A couple camping with the FlashFish P56 power station powering a light and other devices, demonstrating its continuous AC output.



Figure 5.4: Power Supply for Your Devices Anytime, Anywhere. The FlashFish P56 power station connected to a drone, laptop, and other devices, illustrating its versatility.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your FlashFish P56 Power Station.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, charge the unit to 50-80% every 3-6 months to maintain battery health.
- **Ventilation:** Ensure the ventilation openings are clear of dust and debris to prevent overheating.

7. Troubleshooting

If you encounter issues with your FlashFish P56, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit not turning on	Low battery; Power button not pressed correctly	Charge the unit; Press and hold the power button for 3 seconds.
AC output not working	AC output not activated; Overload; Overheating	Press the AC/DC switch to activate AC; Reduce load; Allow unit to cool down.
Device not charging from USB/DC	Cable issue; Device not compatible; DC output not activated	Try a different cable; Check device compatibility; Press the AC/DC switch to activate DC.
Charging slowly	Using a low-power charger; Environmental temperature	Use the original AC adapter; Charge in a moderate temperature environment.

If the problem persists, please contact FlashFish customer support.

8. Specifications

Detailed technical specifications for the FlashFish P56 Portable Power Station:

Feature	Specification
Model Number	P56
Capacity	288.6Wh / 78000mAh
AC Output	330W (600W Peak), 230V Pure Sine Wave
DC Output	4 x 12V/10A (max)
USB-C Output	2 ports
USB-A Output	1 x QC3.0, 1 x 5V/2A
Charging Input	AC Wall Adapter, Car Charger, 18V-22V Solar Panel
Dimensions (L x W x H)	22.5 cm x 13 cm x 15.7 cm
Weight	4.3 kg
Power Source	Battery Powered
Recommended Uses	Power outage, Home, Camping, RV, Travel



Figure 8.1: Product Dimensions. The FlashFish P56 power station with measurements indicating its length (22.5cm), width (13cm), and height (15.7cm).

9. Warranty and Support

FlashFish products come with a standard warranty. For detailed warranty information, product support, or service inquiries, please refer to the warranty card included in your package or visit the official FlashFish website. Please retain your proof of purchase for warranty claims.

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