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## FF FLASHFISH U-P60

# FF FLASHFISH 560W 520Wh Portable Power Station User Manual

Model: U-P60

## 1. INTRODUCTION

The FF FLASHFISH 560W 520Wh Portable Power Station is a versatile and reliable power source designed for various applications, including outdoor adventures, emergency backup, and home use. It features a high-capacity battery and multiple output options to keep your devices and appliances powered.



Figure 1: FF FLASHFISH 560W 520Wh Portable Power Station overview.

## 2. WHAT'S INCLUDED

Your package should contain the following items:

- Power Station 520Wh
- AC Adapter
- Car Charger
- User Manual

## 3. SETUP

Before first use, ensure the power station is fully charged. You can charge it using the included AC adapter or car charger. For outdoor charging, a compatible solar panel (sold separately) can be used.

### 3.1 Charging the Power Station

- **AC Wall Outlet:** Connect the AC adapter to the INPUT port on the power station and plug it into a standard wall outlet.

- **Car Charger:** Connect the car charger to the INPUT port and plug it into your vehicle's 12V cigarette lighter socket.
- **Solar Panel (Optional):** Connect a compatible solar panel to the Anderson input port for solar charging. Ensure the solar panel is placed in direct sunlight for optimal charging efficiency.



Figure 2: The power station being charged by a solar panel in an outdoor setting.

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Video 1: Demonstrates various uses of the Flashfish 560W 520Wh Power Station, including charging via solar panel and car charger, and powering devices like blenders, mini-fridges, phones, laptops, and drones. It highlights the portability and multiple output options.

## 4. OPERATING INSTRUCTIONS

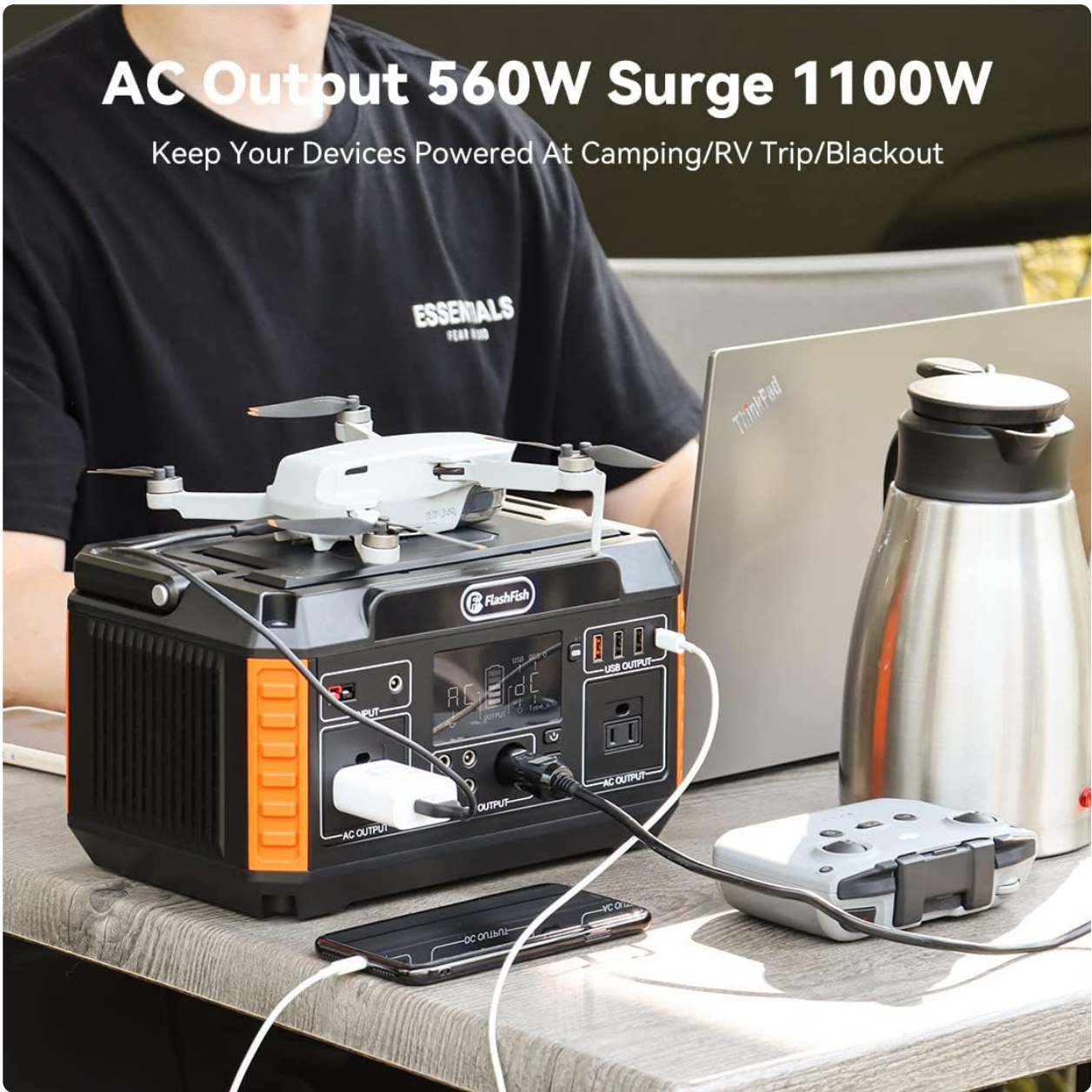
The power station offers multiple output types for various devices.

### 4.1 Powering On/Off

Press and hold the main power button to turn the unit on or off. The LCD display will illuminate, showing battery status and active outputs.

### 4.2 AC Output

The unit features two 110V AC outlets (560W continuous, 1100W surge). To use, connect your AC appliance and press the **AC Power Button**. The AC output indicator on the display will light up.



# AC Output 560W Surge 1100W

Keep Your Devices Powered At Camping/RV Trip/Blackout

Figure 3: Demonstrates the AC output capability, powering a blender.

### 4.3 DC Output

The power station includes 5 DC outlets (4 x 12V/10A DC outlets and 1 x cigarette lighter port). Connect your DC device and press the **DC Power Button**. The DC output indicator will appear on the display.



Figure 4: Illustration of various output types and their typical uses.

### 4.4 USB Output

Equipped with 4 USB ports (1x Quick Charge 3.0 USB, 2x USB-A, 1x USB-C), allowing for fast charging of mobile devices. Connect your USB device and press the **USB Power Button**.

# Fast USB Outputs

3x USB-A And 1x Type-c Quick Charge Your Phone/Tablet


			
iPhone X(2716 mAh)	Ipad mini(23.8Wh)	GoPro Hero5(4.9Wh)	Mini Fan(10W)
50+ Times	20+ Times	100+ Times	50+ Hours



Figure 5: Highlighting the fast charging capabilities of the USB outputs.

## 4.5 Control Buttons

Each output section (AC, DC, USB) has its own dedicated power button for energy efficiency and ease of operation.

# Control Output Separately

More Energy-saving & Easy Operation

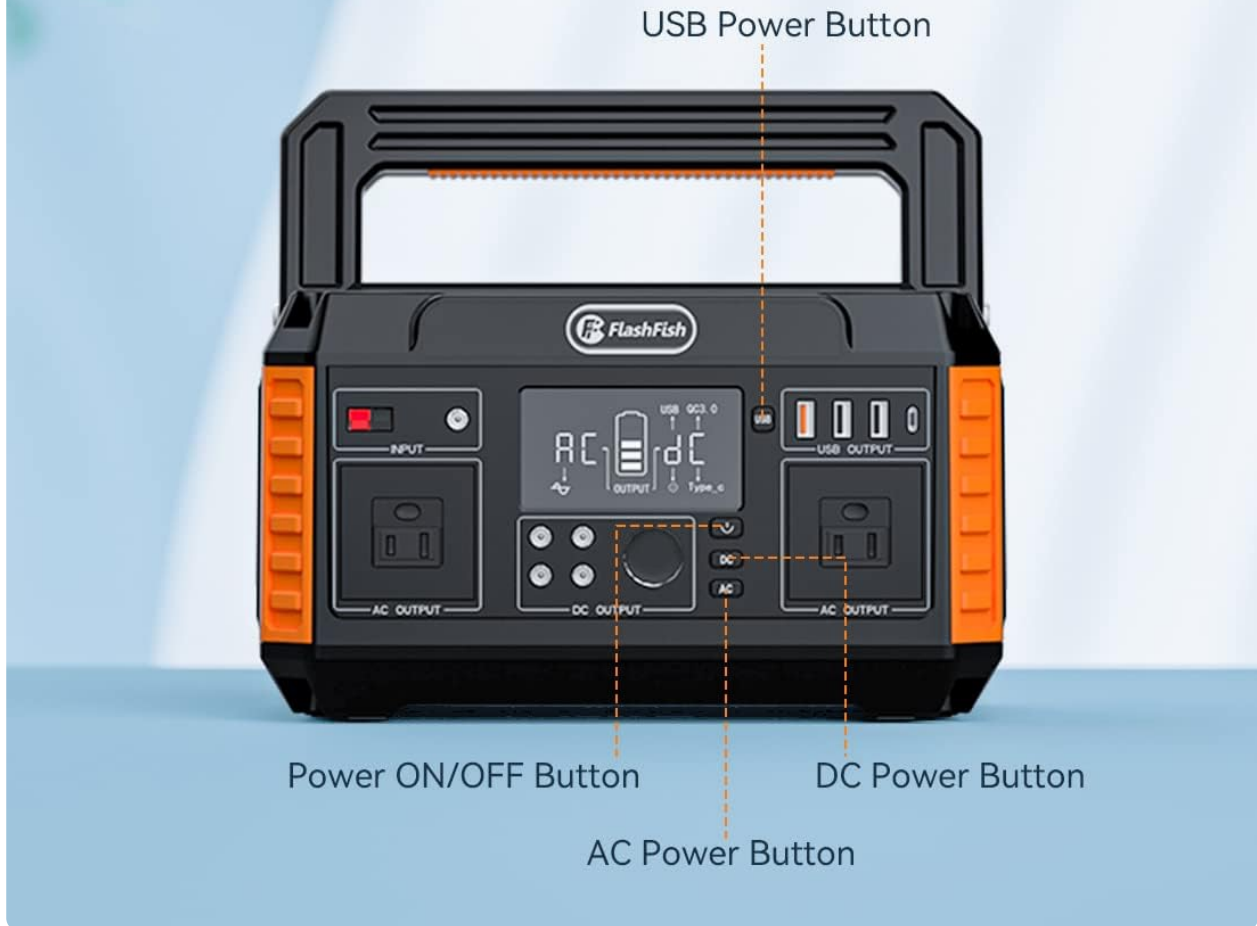


Figure 6: Diagram showing the individual control buttons for AC, DC, and USB outputs.

## 5. MAINTENANCE

- Store the power station in a cool, dry place away from direct sunlight and extreme temperatures.
- Recharge the unit every 3-6 months if not in regular use to maintain battery health.
- Keep ventilation grilles clear of dust and debris to ensure proper cooling.
- Clean the exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents.



Figure 7: The power station provides a pure sine wave output, ensuring stable power for sensitive electronics.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit not powering on	Battery is depleted.	Recharge the power station.
AC output not working	AC output not activated; appliance exceeds 560W.	Press the AC power button; check appliance wattage.
Slow charging via solar panel	Insufficient sunlight; panel not optimally positioned.	Ensure direct sunlight; adjust panel angle.

## 7. SPECIFICATIONS

Feature	Detail
Brand	FF FLASHFISH
Model Name	P60 (Item model number: U-P60)
Wattage	560 watts (Running Wattage)
Output Wattage	560 Watts
Voltage	110 Volts (AC)
Frequency	60 Hz
Battery Capacity	520Wh / 140400mAh (1 Lithium Ion battery included)
Item Weight	15 Pounds
Product Dimensions	11.7"L x 7.4"W x 6.6"H
Total Power Outlets	11
Special Features	Quiet Solar Generator, Electric Generator, Backup Power Generator, Camping Generator, Portable Generator For Home
Recommended Uses	Residential, Camping



Figure 8: Detailed dimensions of the power station.

## 8. WARRANTY AND SUPPORT

FF FLASHFISH products are built for reliability. This power station comes with a manufacturer's warranty. For specific warranty details, technical support, or service inquiries, please refer to the contact information provided in your included user manual or visit the official FF FLASHFISH website.

The brand is committed to providing outdoor green power solutions and reliable backup power sources.