FOSSIBOT F3600PRO

FOSSiBOT F3600 Pro Portable Power Station and SP420W Solar Panel User Manual

Model: F3600PRO

Brand: FOSSIBOT

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your FOSSiBOT F3600 Pro Portable Power Station and SP420W Foldable Solar Panel. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

Image: The FOSSiBOT F3600 Pro Portable Power Station shown with a connected SP420W Foldable Solar Panel, illustrating the complete power generation and storage system.

2. SAFETY INSTRUCTIONS

Observe the following safety precautions to prevent injury or damage to the product:

- Do not disassemble, repair, or modify the unit.

- Do not place the unit near heat sources or in direct sunlight for extended periods.

- Avoid exposure to rain or moisture.

- Use only original or certified accessories.

- Keep out of reach of children and pets.

- Ensure proper ventilation during use and charging.

- In case of fire, use a dry powder fire extinguisher. Do not use water.

Reliable, Safe, and Made to Last

LiFePO4 battery, UPS and BMS protected, FOSSiBOT F3600 offers high safety battery and supplies 6500+ times lifespan.

Overload	Over Temperature	Low Temperature
Over Current	Over Voltage	Low Voltage
Short Circuit	Over Charge	Over Discharge

Image: An internal diagram of the FOSSiBOT F3600 Pro highlighting various safety protection mechanisms such as overload, over-temperature, low-temperature, over-voltage, low-voltage, over-current, short-circuit, over-charge, and over-discharge protection.

3. PACKAGE CONTENTS

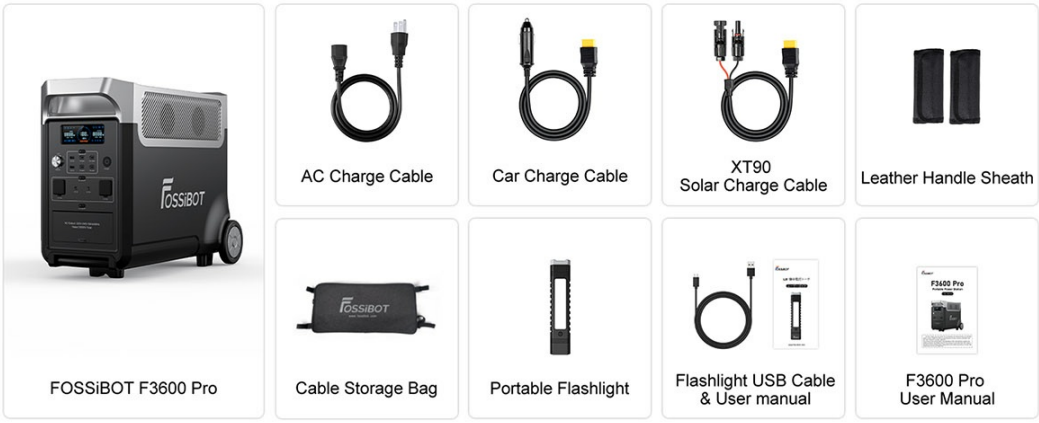Verify that all items are included in your package:

Standard Packing List

FOSSiBOT F3600 Pro	
AC Charge Cable	
Car Charge Cable	
XT90 Solar Charge Cable	
Leather Handle Sheath	
Cable Storage Bag	
Portable Flashlight	
Flashlight USB Cable & User manual	
F3600 Pro User Manual	

Image: A visual representation of the standard packing list for the FOSSiBOT F3600 Pro, including the power station, AC charge cable, car charge cable, XT90 solar charge cable, leather handle sheath, cable storage bag, portable flashlight, flashlight USB cable, and user manual.

- FOSSiBOT F3600 Pro Portable Power Station
- SP420W Foldable Solar Panel (if purchased as a bundle)
- AC Charge Cable
- Car Charge Cable
- XT90 Solar Charge Cable
- Leather Handle Sheath
- Cable Storage Bag
- Portable Flashlight
- Flashlight USB Cable
- User Manual

4. PRODUCT OVERVIEW

4.1 Dimensions and Portability

Image: A diagram showing the dimensions of the FOSSiBOT F3600 Pro Portable Power Station: 60.9 cm (23.97 inches) length, 32.1 cm (12.63 inches) width, and 47.55 cm (18.72 inches) height.

Image: A person pulling the FOSSiBOT F3600 Pro using its integrated wheels and extendable handle, demonstrating its portability. The image also indicates its weight and size compared to a smartphone.

The FOSSiBOT F3600 Pro is designed for portability with integrated wheels and an extendable handle, making it easy to transport despite its robust capacity.

4.2 Front and Rear Panels

Image: A detailed diagram illustrating the various ports and features on the front and rear panels of the FOSSiBOT F3600 Pro. The front panel includes USB-C (PD 100W, PD 20W), USB-A (QC3.0), Cigarette Lighter, DC5521, XT60, and AC outlets. The rear panel features a magnetic flashlight, 3W LED lighting, AC charging input, XT90 solar/car charge input, overload protection switch, and parallel port.

4.3 Display Panel

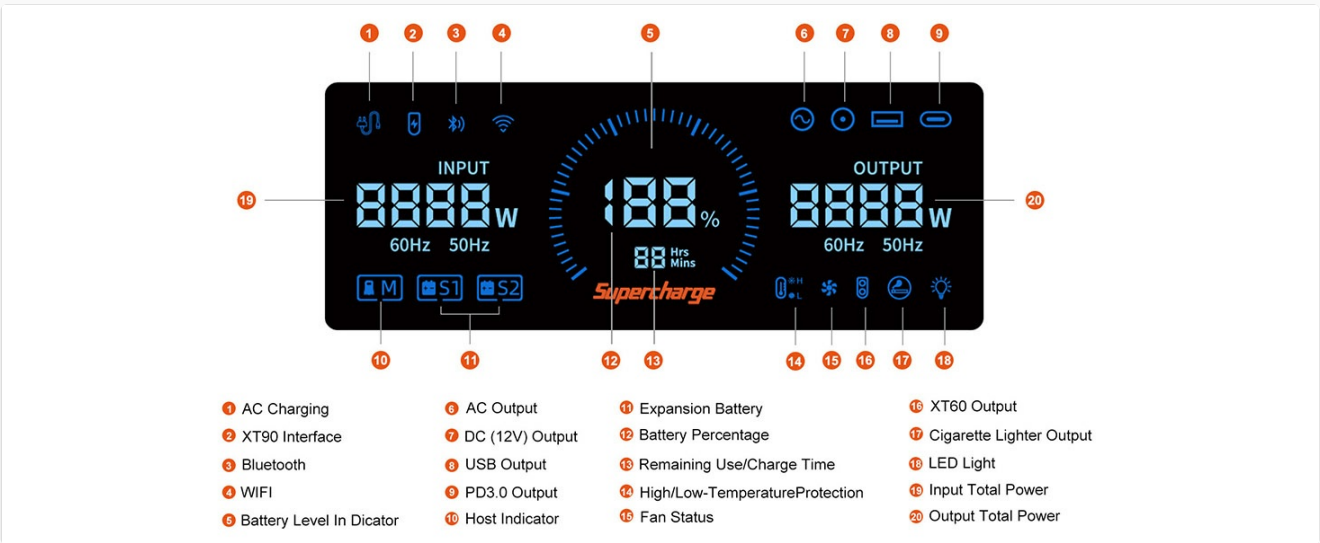| ❶ AC Charging	❻ AC Output	⓫ Expansion Battery	⓰ XT60 Output
❷ XT90 Interface	❼ DC (12V) Output	⓬ Battery Percentage	⓱ Cigarette Lighter Output
❸ Bluetooth	❽ USB Output	⓭ Remaining Use/Charge Time	⓲ LED Light
❹ WIFI	❾ PD3.0 Output	⓮ High/Low-TemperatureProtection	⓳ Input Total Power
❺ Battery Level In Dicator	❿ Host Indicator	⓯ Fan Status	⓴ Output Total Power

Image: A detailed diagram of the FOSSiBOT F3600 Pro's display panel, indicating various indicators such as AC charging, XT90 interface, Bluetooth, WiFi, PD3.0 output, battery level indicator, AC output, DC (12V) output, USB output, expansion battery, battery percentage, remaining use/charge time, high/low-temperature protection, fan status, XT60 output, cigarette lighter output, LED light, input total power, and output total power.

5. SETUP

5.1 Initial Charging

Before first use, fully charge the FOSSiBOT F3600 Pro using the provided AC charge cable. Connect the AC charge cable to the AC charging input port on the rear panel and plug it into a standard wall outlet. The display will indicate charging status.

5.2 Connecting Solar Panels

To charge using solar power, connect the SP420W Foldable Solar Panel(s) to the XT90 solar/car charge input port on the rear panel using the XT90 solar charge cable. Ensure the solar panels are placed in direct sunlight for optimal charging efficiency. Multiple solar panels can be connected in parallel for faster charging.

5.3 App Connection

The FOSSiBOT F3600 Pro can be controlled and monitored via a mobile application:

Image: A FOSSiBOT F3600 Pro power station next to a person using a smartphone displaying the control app interface. The app shows real-time battery capacity, input/output power, and controls for various functions. A QR code for app download is also visible.

- Download the FOSSiBOT app from your device's app store or by scanning the QR code provided in the manual or on the product packaging.

- Enable Bluetooth and Wi-Fi on your smartphone.

- Open the app and follow the on-screen instructions to connect to your F3600 Pro.

- The app allows you to check real-time battery capacity, turn the machine on/off, set charging parameters, and control USB and DC outputs.

- App download link: https://app.sydpower.com/

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Press and hold the main power button on the front panel to turn the unit on or off. The display will illuminate upon activation.

6.2 Using AC Outputs

The F3600 Pro provides 3600W pure sine wave AC output, suitable for powering most household appliances. Press the AC power button to activate the AC outlets. Plug your devices into the appropriate AC outlets on the front panel.

Image: The FOSSiBOT F3600 Pro power station positioned in a home setting, connected to and powering various large appliances such as a refrigerator, washing machine, and oven, demonstrating its capability to handle significant loads.

6.3 Using DC and USB Outputs

Press the DC power button to activate the DC and USB outputs. Connect your devices to the USB-A, USB-C, DC5521, Cigarette Lighter, or XT60 ports as needed. The USB-C ports support PD100W fast charging, and USB-A ports support QC3.0.

6.4 Charging Methods

The F3600 Pro supports multiple charging methods:

Image: A graphic illustrating five different recharging methods for the FOSSiBOT F3600 Pro: AC + Solar (1.8 hours), AC Charge (3 hours), Solar Charge (2 hours), Generator Charge (4 hours), and Car Charging (40 hours).

- **AC Charging:** Connect to a wall outlet for up to 2200W input, fully charging in approximately 2 hours and 10 minutes.
- **Solar Charging:** Connect solar panels (up to 2000W input) for a full charge in about 2 hours.
- **Car Charging:** Use the car charge cable for charging from a vehicle's 12V outlet.
- **Generator Charging:** Connect to a compatible generator for charging.
- **AC + Solar Charging:** Combine AC and solar input for a maximum of 3500W, achieving a full charge in approximately 1.8 hours.

6.5 UPS Function

The F3600 Pro features a 10ms Uninterruptible Power Supply (UPS) function. When connected between your loading and a wall socket, it automatically switches to battery power within 10 milliseconds during a power outage, preventing data loss and protecting connected devices.

Image: The FOSSiBOT F3600 Pro power station connected to a desktop computer setup and a lamp, illustrating its UPS capability during a simulated power outage. The text highlights its non-stop 1500W UPS function with a <10ms switchover time.

6.6 Expansion Battery

The F3600 Pro's capacity can be expanded from 3840Wh up to 11,520Wh by connecting additional battery packs via the parallel port on the rear panel. Refer to the expansion battery manual for detailed connection instructions.

Gigantic Capacity
From 3840Wh to 11520Wh

The versatile F3600 Pro portable power station supports battery expansion from 3840Wh to 11520Wh, supplying reliable energy power for home backup as well as outdoor adventures.

Image: A FOSSiBOT F3600 Pro power station connected to multiple solar panels and two additional battery packs, demonstrating its expandable capacity from 3840Wh to 11520Wh for extended power needs.

7. MAINTENANCE

- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the battery to approximately 50-80% every 3-6 months to prolong battery life.
- **Battery Care:** The LiFePO4 battery is designed for over 4,000 cycles to 80% capacity. Avoid fully discharging the battery frequently to maximize its lifespan.

8. TROUBLESHOOTING

If you encounter issues with your FOSSiBOT F3600 Pro, refer to the following common solutions:

- **Unit not turning on:** Ensure the battery is charged. If not, connect to an AC outlet for charging.

- **No output from ports:** Check if the respective AC/DC/USB output buttons are activated. Ensure the device you are trying to power is within the unit's wattage limits.

- **Slow charging:** Verify that charging cables are securely connected. For solar charging, ensure panels are in direct sunlight and clean. Check the input wattage on the display.

- **Overload warning:** Disconnect some devices to reduce the load. The unit will automatically reset after the overload is removed.

- **App connectivity issues:** Ensure Bluetooth and Wi-Fi are enabled on your phone and the unit. Try restarting both the app and the power station.

For persistent issues, contact customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	FOSSIBOT
Model Name	F3600PRO
Wattage	3600 watts
Running Wattage	3600 Watts
Fuel Type	Solar
Power Source	Battery Powered (LiFePO4)
Battery Capacity	3840Wh (Expandable to 11,520Wh)
AC Output	3600W Pure Sine Wave (7200W Peak)
Total Power Outlets	5 AC Outlets + Multiple DC/USB
Fast Charge	1.8H (AC+Solar)
UPS Function	10ms Switchover
Product Dimensions	12.64"L x 18.72"W x 23.98"H
Special Feature	Extra-Long Run Time, App Control

10. WARRANTY AND SUPPORT

The FOSSiBOT F3600 Pro comes with a **5-year warranty** and lifetime technical support. For any questions or assistance, please contact FOSSIBOT customer service. We are committed to providing a satisfactory response within 24 hours.

Related Documents - F3600PRO

FOSSIBOT F3600 *User Manual*	**FOSSiBOT F3600 Portable Power Station User Manual** User manual for the FOSSiBOT F3600 Portable Power Station, detailing its features, specifications, operation, safety precautions, and warranty information. Learn how to use the F3600 for various power needs, from charging devices to running appliances.
FOSSIBOT F3600 *User Manual*	**FOSSiBOT F3600 Portable Power Station User Manual | Features, Operation & Charging Guide** Comprehensive user manual for the FOSSiBOT F3600 portable power station. Learn about its 3840Wh LiFePO4 battery, AC/DC outputs, UPS mode, solar & vehicle charging, and troubleshooting. Power your adventures safely and efficiently.
FOSSIBOT F3600 *User Manual*	**FOSSiBOT F3600 Portable Power Station User Manual** Comprehensive user manual for the FOSSiBOT F3600 portable power station. Learn about its features, specifications, operation, safety precautions, troubleshooting, and warranty.
FOSSIBOT F3600 *User Manual*	**Fossibot F3600 Portable Power Station User Manual - Features, Operation, and Safety Guide** Detailed user manual for the Fossibot F3600 portable power station. Covers features like 3840Wh LiFePO4 battery, UPS mode, solar/AC/car charging, output ports, and safety instructions.
FOSSIBOT F800 Power Station *User Manual*	**FOSSiBOT F800 Portable Power Station User Manual | 800W, 512Wh, Fast Charging** Comprehensive user manual for the FOSSiBOT F800 portable power station. Learn about its 800W output, 512Wh LiFePO4 battery, 1.5-hour fast charging, UPS function, solar charging capabilities, and safety guidelines.
N091_Host Manual (Chinese)_V1.01 Material: 128g copper plate paper, single-color double-sided printing; Binding method: Saddle stitching; Finished size: 145*210mm;	**FOSSIBOT F3600 Pro Portable Power Station User Manual** User manual for the FOSSIBOT F3600 Pro portable power station, detailing its high-capacity battery, versatile AC/DC/USB outputs, fast charging, UPS function, and safety instructions.

Documents - FOSSIBOT – F3600PRO

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[FOSSIBOT F3600 Pro Portable Power Station User Manual](#)

Explore the FOSSIBOT F3600 Pro Portable Power Station with this comprehensive user manual. Learn about its high-capacity battery, versatile outputs, fast charging, UPS function, and safety guidelines for reliable power anywhere.

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