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› FOSSiBOT F3600 Pro Solar Generator Instruction Manual

FOSSiBOT F3600PRO+SP420

FOSSiBOT F3600 Pro Solar Generator Instruction Manual

Model: F3600PRO+SP420

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your FOSSiBOT F3600 Pro Solar Generator. Please read it thoroughly before using the product and retain it for future reference. The FOSSiBOT F3600 Pro is a high-capacity portable power station designed to provide reliable power for various applications, including home backup, outdoor activities, and emergency situations.

2. SAFETY INSTRUCTIONS

Always follow these safety guidelines to prevent injury or damage to the product:

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from fire, heat sources, and direct sunlight.
- Do not use or store the unit in a bathroom or in areas exposed to water or high humidity.
- Ensure proper ventilation during use to prevent overheating.
- Keep out of reach of children and pets.
- Use only approved accessories and charging cables.
- In case of fire, use a dry powder fire extinguisher.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- FOSSiBOT F3600 Pro Portable Power Station
- AC Charge Cable (without adapter)
- Car Charge Cable
- XT90 Solar Charge Cable

- Leather Handle Sheath
- Cable Storage Bag
- Portable Magnetic Flashlight
- Flashlight USB Cable & User Manual
- F3600 Pro User Manual

EV-grade LiFePO4-Akku, 10+ Jahre Lebenserwartung Intelligentes BMS, unvergleichliche Sicherheit

Der FOSSiBOT F3600 Pro verwendet eine LiFe-PO4-Batterie in EV-Qualität mit einer Lebensdauer von mehr als 6500 Jahren. Das BMS (Batteriemanagementsystem) von FOSSiBOT ermöglicht die Echtzeit-Analyse und -Regelung von Spannung, Strom und Temperatur des F3600 Pro.

6500+
Batterie-Ladezyklen

10+ Jahre
Lebenserwartung



Image: FOSSiBOT F3600 Pro and its included accessories, such as AC charging cable, car charging cable, XT90 solar charging cable, leather handle sheath, cable storage bag, portable flashlight, flashlight USB cable, and user manual.

4. PRODUCT OVERVIEW

4.1. Ports and Controls

FOR Camping Travel Use



Image: Front and rear views of the FOSSiBOT F3600 Pro, highlighting various input and output ports including AC outlets, USB-A, USB-C (PD 100W, PD 20W), DC5521, XT60, cigarette lighter port, AC charging input, XT90 solar/car charging input, overload protection switch, and parallel port. Also shown are the magnetic flashlight and 3W LED lighting.

The FOSSiBOT F3600 Pro features a comprehensive array of ports to power various devices simultaneously. These include multiple AC outlets, USB-A and USB-C ports (including PD 100W), DC5521, XT60, and a cigarette lighter port. For charging the unit, it has dedicated AC and XT90 solar/car charging inputs. An overload protection switch and a parallel port for expanding capacity are also present. Additionally, the unit includes a magnetic flashlight and 3W LED lighting for convenience.

4.2. Display Information



Image: Detailed view of the FOSSiBOT F3600 Pro's display screen, showing icons for AC charging, XT90 interface, Bluetooth, WiFi, battery status, AC output, DC (12V) output, USB output, PD 3.0 output, host display, expansion battery, battery percentage, remaining usage/charging time, high/low temperature protection, fan status, XT60 output, cigarette lighter output, LED light, total input power, and total output power.

The integrated display provides real-time information about the power station's status. It shows AC charging status, XT90 interface status, Bluetooth and WiFi connectivity, current battery level, AC output status, DC (12V) output, USB output, and PD 3.0 output. It also indicates the host display, expansion battery connection, precise battery percentage, estimated remaining usage or charging time, high/low temperature protection warnings, fan status, XT60 output, cigarette lighter output, LED light status, and both total input and output power in watts.

5. SETUP

5.1. Initial Charge

Before first use, fully charge the FOSSiBOT F3600 Pro. Connect the AC charge cable to the AC input port on the unit and then to a wall outlet. The display will show the charging status. A full charge typically takes about 1.5 hours with AC input.

5.2. Connecting Solar Panels (Optional)

To charge using solar panels, connect the XT90 solar charge cable to the XT90 input port on the F3600 Pro and then to your solar panels. Ensure the solar panels are positioned to receive maximum sunlight. The unit supports up to 2000W solar input.



Image: The FOSSiBOT F3600 Pro connected to multiple solar panels in an outdoor setting, demonstrating solar charging capability.

6. OPERATING INSTRUCTIONS

6.1. Charging the Power Station

The F3600 Pro offers multiple charging options:

- **AC Charging:** Connect to a standard wall outlet. Supports up to 2200W input for a full charge in approximately 1.5 hours.
- **Solar Charging:** Connect compatible solar panels via the XT90 port. Supports up to 2000W input.
- **Car Charging:** Use the car charge cable to connect to your vehicle's 12V cigarette lighter port.
- **Generator Charging:** Connect to a generator for charging.

The input power can be adjusted in 5 stages (400W-2200W) to suit your needs and reduce battery wear.

3840Wh LiFePO4 Battery

Expandable Max to 11520Wh



Image: Various charging methods for the FOSSiBOT F3600 Pro, including AC+Solar (3500W max, 1.8 hours), AC Charge (1500W max, 3 hours), Solar Charge (2000W max, 2 hours), Generator Charge (1100W max, 3.5 hours), and Car Charging (96W max, 40 hours).

6.2. Powering Devices

Connect your devices to the appropriate output ports. The F3600 Pro provides 3600W continuous AC output (7200W peak) and can power up to 15 devices simultaneously. Ensure the total power consumption of your devices does not exceed the unit's maximum output.

3600W for 99% Devices



Electric Grill
(1000W)

3.3

Hours



Projector
(100W)

32.6

Hours



Drone
(40W)

82

Times



Juicer
(900W)

3.6

Hours



Mini Cooler
(260W)

13.6

Hours



Image: The FOSSiBOT F3600 Pro powering various devices, illustrating its 3600W capability for 99% of devices. Examples include an electric grill (1000W for 3.3 hours), projector (100W for 32.6 hours), drone (40W for 82 times), juicer (900W for 3.6 hours), and mini cooler (260W for 13.6 hours).

6.3. App Control

Control and monitor your F3600 Pro remotely using the dedicated smartphone application. Download the app from app.sydpower.com. The app allows you to check battery capacity, turn the device on/off, adjust charging speed, and control USB/DC outputs.

Smart APP Control the Power Station



Image: A smartphone displaying the FOSSiBOT F3600 Pro app interface, showing battery status and output controls, next to the power station. A QR code for app download is also visible.

6.4. Uninterruptible Power Supply (UPS) Function

The F3600 Pro features a 2500W UPS function with a switching time of less than 10ms. Connect the F3600 Pro between your device and the wall outlet. In case of a power outage, it will automatically switch to battery power, ensuring continuous operation for connected devices like computers or medical equipment.

Enorme Leistung überallhin mitnehmen

Dank der industrietauglichen Räder und der ausziehbaren Griffe können Sie den F3600 Pro und seinen intelligenten Erweiterungsakku überallhin mitnehmen.

Gewicht:
42KG ↓
Feuerzeug

Größe:
29% ↓
Kleiner



Image: The FOSSiBOT F3600 Pro connected as an Uninterruptible Power Supply (UPS) for a desktop computer setup, illustrating its use during a power outage to maintain power to essential electronics.

7. MAINTENANCE

- **Storage:** Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, charge the battery to 50-80% every 3-6 months.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use harsh chemicals or abrasive materials.
- **Battery Care:** The LiFePO4 battery has a long lifespan (6500+ cycles). Avoid fully discharging the battery frequently to prolong its life.

8. TROUBLESHOOTING

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

- **Unit Not Turning On:** Ensure the battery is charged. Press and hold the power button for a few seconds.
- **No Output Power:** Check if the AC/DC output buttons are activated. Ensure devices are properly connected and not exceeding the maximum output. Check for overload protection activation.
- **Slow Charging:** Verify the charging source (AC, solar, car) is providing adequate power. Check cable connections. For solar charging, ensure panels are in direct sunlight.
- **Overload Protection:** If an overload occurs, the unit may shut down. Disconnect some devices and restart the unit.
- **Display Errors:** Refer to the display information section for error codes or indicators. If persistent, contact support.

For further assistance, please contact FOSSiBOT customer support.

9. SPECIFICATIONS

Feature	Detail
Model Name	F3600
Model Number	F3600PRO+SP420
Battery Type	LiFePO4

Battery Capacity	3840 Wh (Expandable up to 11520 Wh)
AC Output Power	3600 W (Continuous), 7200 W (Peak)
AC Input Power	2200 W Max
Solar Input Power	2000 W Max
Input Power Adjustment	5-stage (400W-2200W)
UPS Function	2500 W, <10ms switching time
Dimensions (L x W x H)	60 x 32 x 47 cm
Weight	42 Kilograms
Frequency	60 Hz
Recommended Uses	Camping, RV, Home Backup, Power Outages
Special Features	Temperature Generator, App Control, Portable with Wheels

10. WARRANTY AND SUPPORT

The FOSSiBOT F3600 Pro comes with a**5-year manufacturer's warranty**. For warranty claims, technical support, or any inquiries, please contact FOSSiBOT customer service through their official website or the retailer where the product was purchased. Please have your model number (F3600PRO+SP420) and proof of purchase ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question