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Anker F2000

Anker SOLIX F2000 Solar Generator User Manual

Model: F2000 (also known as PowerHouse 767)

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, setup, maintenance, and troubleshooting of your Anker SOLIX F2000 Solar Generator. Please read this manual thoroughly before using the product and retain it for future reference.

The Anker SOLIX F2000 is a portable power station designed for reliable energy supply in various scenarios, including home backup, outdoor camping, and RV use. It features LiFePO4 batteries, GaNPrime technology, and a robust design for extended lifespan and performance.

2. SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury or damage to the product:

- Do not disassemble, repair, or modify the unit.
- Avoid exposure to fire, heat sources, or direct sunlight for prolonged periods.
- Do not use or store the unit in bathrooms or areas exposed to water.
- Ensure proper ventilation during use and charging to prevent overheating.
- Keep out of reach of children and pets.
- Use only original or certified cables and accessories.
- In case of leakage or abnormal odor, discontinue use immediately and contact customer support.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Anker 767 Portable Power Station (GaNPrime PowerHouse 2048Wh)
- AC charging cable

- Car charging cable
- Solar charging cable
- 5-port solar charging connector
- 2x Anker SOLIX PS200 Solar Panels (200W)
- 2x 9.84ft / 3m solar charging cable
- Welcome guide

4. SETUP

4.1. Power Station Activation

Before first use, activate the power station by plugging it into an AC wall outlet. The screen will light up automatically, indicating successful activation. Fully charge the power station to 100% before initial operation.

Video: How to Activate the Anker PowerHouse 767. This video demonstrates the initial activation process by connecting the power station to a wall outlet.

4.2. Solar Panel Setup

To charge your power station using solar energy, follow these steps:

1. Unfold the Anker SOLIX PS200 Solar Panels and position them with the front facing the sun.
2. Adjust the integrated kickstand to one of the four optimized angles (30°, 40°, 50°, or 80°) for maximum sunlight exposure.
3. Locate the MC4 ports behind your solar panel.
4. Use an extension cable to connect the MC4 ports to the XT-60 solar charging converter.
5. Connect the solar charging cable converter to the XT-60 port on your power station.

Multiple solar panels can be connected for up to 1000W of input.



Image: Diagram illustrating the connection steps for setting up the solar panels with the power station.

4.3. Expansion Battery Connection (Sold Separately)

To increase the total capacity of your Anker SOLIX F2000, an expansion battery (sold separately) can be connected:

1. Place the Expansion Battery securely on top of the PowerHouse 767.
2. Connect the Expansion Battery to the PowerHouse 767 using the included cable.
3. Press and hold the power button on the Expansion Battery for 2 seconds to turn it on. A beep will confirm successful connection.

The Expansion Battery icon will appear on the power station screen once successfully connected. The

Expansion Battery will charge automatically once the main power station is fully charged.

Video: How to Use the Expansion Battery with the Anker PowerHouse 767. This video demonstrates how to connect and activate an optional expansion battery.

5. OPERATING INSTRUCTIONS

5.1. Powering Devices

The Anker SOLIX F2000 offers multiple output ports to power a wide range of devices:

- **AC Outlets:** 4 AC ports with up to 2400W output. Press the AC OUTLET button to activate.
- **RV Port:** An exclusive TT-30R RV port for direct RV power.
- **USB Ports:** 3 USB-C charging ports and 2 USB-A ports. These ports are always active when the unit is on.
- **Car Outlets:** 2 car socket outputs. Press the CAR SOCKET button to activate.

Video: How to Charge Devices Using the Anker PowerHouse 767. This video demonstrates connecting various devices to the power station's output ports.

5.2. Power Saving Mode

Activate Power Saving Mode to prevent wasted energy. When enabled, outputs will automatically turn off once the connected device is fully charged. To ensure stable charging for devices that require continuous power, turn OFF Power Saving Mode.

5.3. Anker App Control

Download the Anker App from the Apple App Store or Google Play Store. Pair your device by pressing and holding the Bluetooth button on the PowerHouse 767 until the light flashes. Use the app to monitor charging time, remaining battery, temperature, and customize power usage remotely.



Carry Power Anywhere



Weight

16.3 lb



Dimensions (Folded)

21.9 x 23.9 x 2.0 in

Image: Screenshot of the Anker App interface showing real-time power monitoring and control options.

5.4. Uninterruptible Power Supply (UPS) Functionality

The Anker SOLIX F2000 provides continuous power with a switchover time of less than 20ms, offering resilient backup for essential devices during power outages.

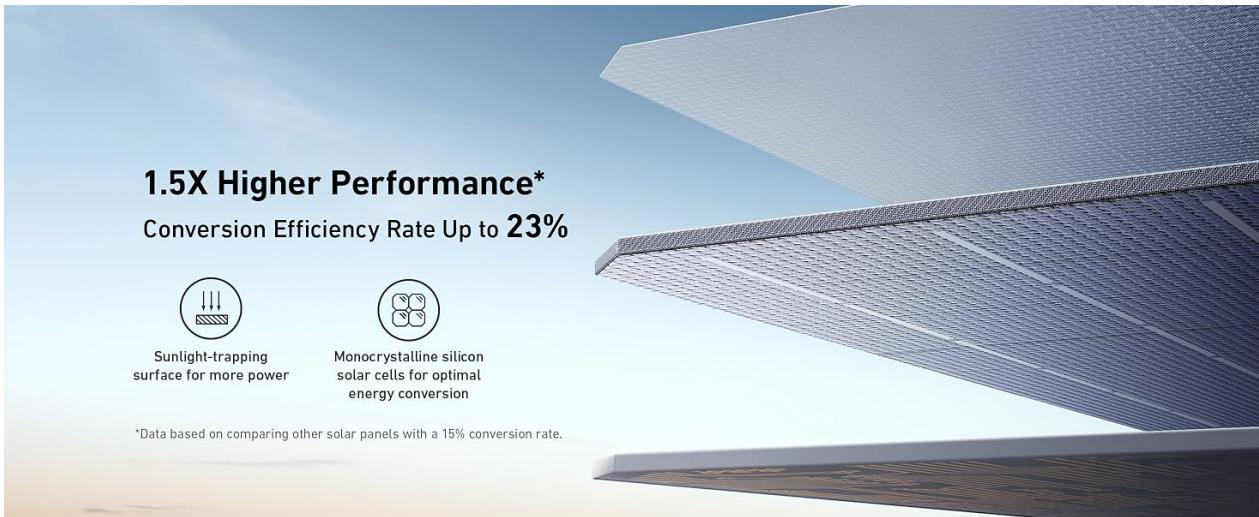


Image: The power station providing continuous power to a computer setup, illustrating its UPS capability.

6. CHARGING

6.1. AC Charging

Recharge the power station from a standard AC wall outlet using the provided AC charging cable. The HyperFlash technology allows for a rapid recharge, reaching 80% capacity in approximately 1.4 hours.



IP67 Waterproof Design

Stay protected against unpredictable weather, even heavy rain.

6.2. Solar Charging

Connect the Anker SOLIX PS200 Solar Panels to the power station as described in Section 4.2. The solar panels feature a 23% conversion efficiency rate and IP67 waterproof protection, allowing for efficient charging even in challenging outdoor conditions.



**Perfect Match for
Anker PowerHouse 767**

Image: The Anker SOLIX F2000 and solar panels set up outdoors for solar charging.

6.3. Car Charging

Use the provided car charging cable to recharge the power station from your vehicle's 12V car socket. This method is slower than AC or solar charging but provides a convenient option while traveling.

7. MAINTENANCE

7.1. Battery Care

The Anker SOLIX F2000 is built with InfiniPower technology, LiFePO4 batteries, and a smart temperature control system designed for a 10-year lifespan (3,000 charge cycles). To maintain optimal battery health:

- Store the unit in a cool, dry area.
- Check the battery capacity each week.
- If the battery level is below 30%, recharge the power station to 100%.
- Fully charge the power station once every 3 months to prevent deep discharge.

Video: How to Store the Anker PowerHouse 767. This video provides guidance on proper storage and battery maintenance.

8. TROUBLESHOOTING

If you encounter any issues with your Anker SOLIX F2000, refer to the following common troubleshooting steps:

- **Unit Not Turning On:** Ensure the battery is charged. If completely drained, connect to an AC outlet for activation.
- **No Output from AC/DC Ports:** Verify that the respective output buttons (AC OUTLET, CAR SOCKET) are pressed and their indicator lights are on. Check if Power Saving Mode is enabled and interfering with continuous power.
- **Slow Charging:** Ensure all solar panels are fully exposed to direct sunlight without any shading. Check cable connections. For AC charging, ensure the wall outlet is functioning correctly.
- **Overload Protection:** If the unit shuts down due to overload, disconnect some devices and restart the power station. The maximum output is 2400W.
- **App Connectivity Issues:** Ensure Bluetooth is enabled on your phone and the power station. Try

restarting both the app and the power station.

For persistent issues, contact Anker customer support.

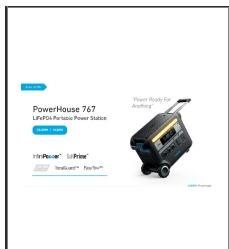
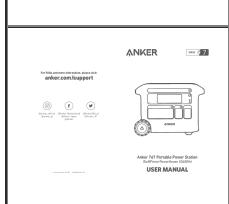
9. SPECIFICATIONS

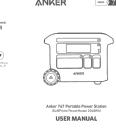
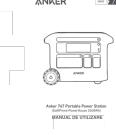
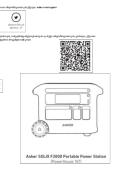
Feature	Specification
Brand	Anker
Model	SOLIX F2000 (PowerHouse 767)
Battery Capacity	2048Wh (LiFePO4)
AC Output	2400W (Total)
Solar Panel Input	Up to 1000W (with multiple panels)
Solar Panel Efficiency	Up to 23%
Solar Panel Waterproof Rating	IP67
AC Recharge Time (0-80%)	1.4 hours (HyperFlash)
UPS Switchover Time	<20ms
Lifespan	10 years (3,000 charge cycles)
Dimensions (L x W x H)	20.67" x 9.84" x 15.55"
Weight	87.3 lbs

10. WARRANTY AND SUPPORT

The Anker SOLIX F2000 comes with a superior 5-year full-device warranty, ensuring a guaranteed and worry-free experience. For technical assistance, troubleshooting, or warranty claims, please contact Anker customer service through their official website or the Anker App.

Related Documents - F2000

	<p><u>Anker PowerHouse 767 (A1780) Portable Power Station - 2048Wh LiFePO4 Battery, GaNPrime, HyperFlash</u></p> <p>Discover the Anker PowerHouse 767 (A1780), a robust 2048Wh portable power station featuring LiFePO4 batteries for extended lifespan, GaNPrime technology for efficiency, and HyperFlash for rapid recharging. Ideal for home backup, RVs, and off-grid adventures, it offers versatile power outputs, solar charging capabilities, and smart app control.</p>
	<p><u>Anker 767 Portable Power Station User Manual</u></p> <p>Comprehensive user manual for the Anker 767 Portable Power Station (GaNPrime PowerHouse 2048Wh), detailing features, operation, safety instructions, specifications, and warranty information.</p>

	<p><u>Anker 767 Portable Power Station User Manual - PowerHouse 2048Wh</u></p> <p>Comprehensive user manual for the Anker 767 Portable Power Station (GaNPrime PowerHouse 2048Wh). Learn about setup, recharging, powering devices, safety, specifications, and warranty.</p>
	<p><u>Anker 767 Portable Power Station (2048Wh) - User Manual and Specifications</u></p> <p>Comprehensive user manual for the Anker 767 Portable Power Station (GaNPrime PowerHouse 2048Wh), covering setup, charging, device powering, app control, LCD guide, FAQs, specifications, and safety instructions.</p>
	<p><u>Anker 767 Portable Power Station User Manual</u></p> <p>User manual for the Anker 767 Portable Power Station (GaNPrime PowerHouse 2048Wh). Covers features, setup, operation, safety instructions, specifications, and warranty information.</p>
	<p><u>Anker SOLIX F2000 პორტატული ელექტროსამგერის მომხმარებლის სახელმძღვანელო</u></p> <p>Anker SOLIX F2000 პორტატული ელექტროსამგერის (PowerHouse 767) მომხმარებლის სახელმძღვანელო, რომელიც მოიცავს დაყენებას, მუშაობას, უსაფრთხოებას, სპეციფიკაციებს და პრობლემების მოგვარებას.</p>