

Anker A1783

Anker SOLIX BP2000 Expansion Battery (Gen 2) Instruction Manual

Model: A1783 | Brand: Anker

INTRODUCTION

The Anker SOLIX BP2000 Expansion Battery (Gen 2) is designed to significantly extend the power capacity of your Anker SOLIX C2000 Gen 2 Portable Power Station. This manual provides essential information for the safe and efficient setup, operation, and maintenance of your expansion battery, ensuring reliable power for various applications including power outages, camping, RV use, and emergencies.

WHAT'S IN THE BOX

- Anker SOLIX BP2000 Expansion Battery (Gen 2)
- Battery-to-host Cable
- User Manual
- 5-Year Warranty Card

KEY FEATURES

- **Expanded Capacity:** Doubles the Anker SOLIX C2000 Gen 2 capacity to 4,096Wh.
- **Long Lifespan:** Features InfiniPower technology with LiFePO4 batteries, supporting up to 4,000 cycles at 80% capacity, equivalent to 10 years of daily use.
- **Reliable Power:** Provides extended runtime for essential appliances during power outages, outdoor activities, and emergencies.

SETUP

The Anker SOLIX BP2000 Expansion Battery is designed to seamlessly integrate with the Anker SOLIX C2000 Gen 2 Portable Power Station.

1. **Placement:** Position the BP2000 Expansion Battery directly beneath the SOLIX C2000 Gen 2 unit. Ensure both units are on a stable, flat surface.

2. **Connection:** Use the provided Battery-to-host Cable to connect the BP2000 to the C2000. Locate the expansion port on both units and securely plug in the cable.
3. **Power On:** Turn on the Anker SOLIX C2000 Gen 2. The display should indicate the combined battery capacity.

Get 2× Runtime with 4kWh Expansion

4kWh

with BP2000 (Gen 2) Expansion Battery

30 - 64 Hr

Fridge Runtime



Multi-Package Shipping

4096 Wh



Disclaimer: Based on testing at an ambient temperature of 25°C, 10 - 28 cu.ft refrigerators (unloaded and with the ice-making function disabled) achieved 30 - 64 hours with C2000 Gen 2 and a BP2000 (Gen 2) Expansion Battery.

Figure 1: Anker SOLIX C2000 Gen 2 power station stacked on top of the BP2000 expansion battery, illustrating the physical connection.

For a visual guide on connecting the expansion battery and understanding the combined system, please refer to the official product video below.

Your browser does not support the video tag.

Video 1: Anker SOLIX C2000 Gen 2 Overview. This video demonstrates the features and connectivity of the Anker SOLIX C2000 Gen 2, including how the expansion battery integrates to provide extended power.

OPERATING INSTRUCTIONS

Once connected, the BP2000 Expansion Battery operates in conjunction with the Anker SOLIX C2000 Gen 2. The C2000's display will show the total available capacity and output information.

Powering Appliances

Connect your appliances to the various output ports on the Anker SOLIX C2000 Gen 2. The combined system can power a wide range of devices, from small electronics to larger household appliances.

Power 99% of Appliances

2,400W Rated Power | 4,000W Peak Power | 10 Ports



2.2 Hr
Window AC
(800W)



16.6 Hr
Television
(100W)



105 Hr
Wi-Fi Router
(10W)



Figure 2: The Anker SOLIX C2000 Gen 2, enhanced by the BP2000, powering multiple household appliances simultaneously.

Smart App Control

Utilize the Anker SOLIX app for remote monitoring and control of your power station. The app allows you to check battery status, manage power settings, and activate features like Storm Guard Mode for automatic charging before severe weather.



Power Your Entire RV Via TT-30 Port

Equipped with a TT-30 socket, experience reliable power for your home, RV, or wherever you are.

Figure 3: The Anker SOLIX app provides comprehensive control and monitoring capabilities for your power station.

CHARGING METHODS

The Anker SOLIX BP2000 Expansion Battery is charged through its connection to the Anker SOLIX C2000 Gen 2. The C2000 offers multiple fast-recharging options:

- **AC + Solar Recharge:** Up to 2,600W, 100% in 58 minutes.
- **Alternator Charger:** 800W, 100% in 3 hours. (RV expansion and vehicle battery recharge functions will be available by Q1 2026. An additional XT60i port connection cable is required for vehicle batteries or RVs.)
- **AC Input:** 1,800W, 100% in 88 minutes.
- **Solar Input:** 900W, 100% in 3 hours.
- **Gas Generator:** 1,800W, 100% in 88 minutes.
- **Car Input:** 100W, 100% in 23 hours.

Note: Always use the standard Anker SOLIX AC charging cable. Incompatible third-party cables may cause damage.

6 Ways to Recharge Fast

AC + Solar Recharge

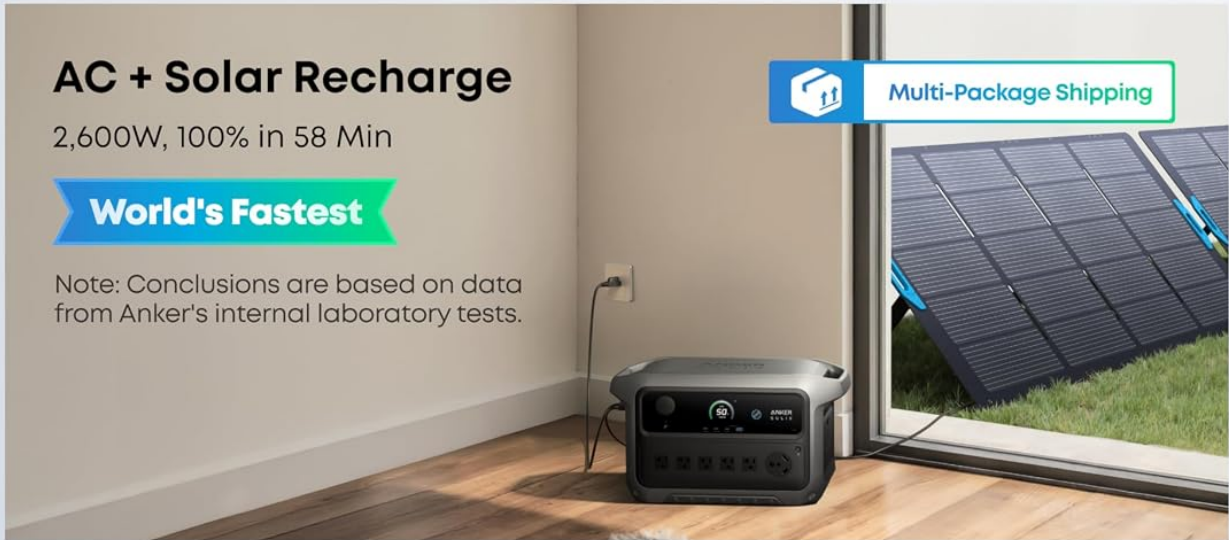
2,600W, 100% in 58 Min

World's Fastest

Note: Conclusions are based on data from Anker's internal laboratory tests.



Multi-Package Shipping



Alternator Charger

800W, 100% in 3 Hr



Car Input

100W, 100% in 23 Hr



AC Input

1,800W, 100% in 88 Min



Solar Input

800W, 100% in 3 Hr



Gas Generator

1,800W, 100% in 88 Min



Note: Please charge using the standard Anker SOLIX AC charging cable, as incompatible third-party cables may cause damage.

Figure 4: Various fast-recharging methods available for the Anker SOLIX C2000 Gen 2, which also charges the connected BP2000.

800W UltraFast Alternator Charging



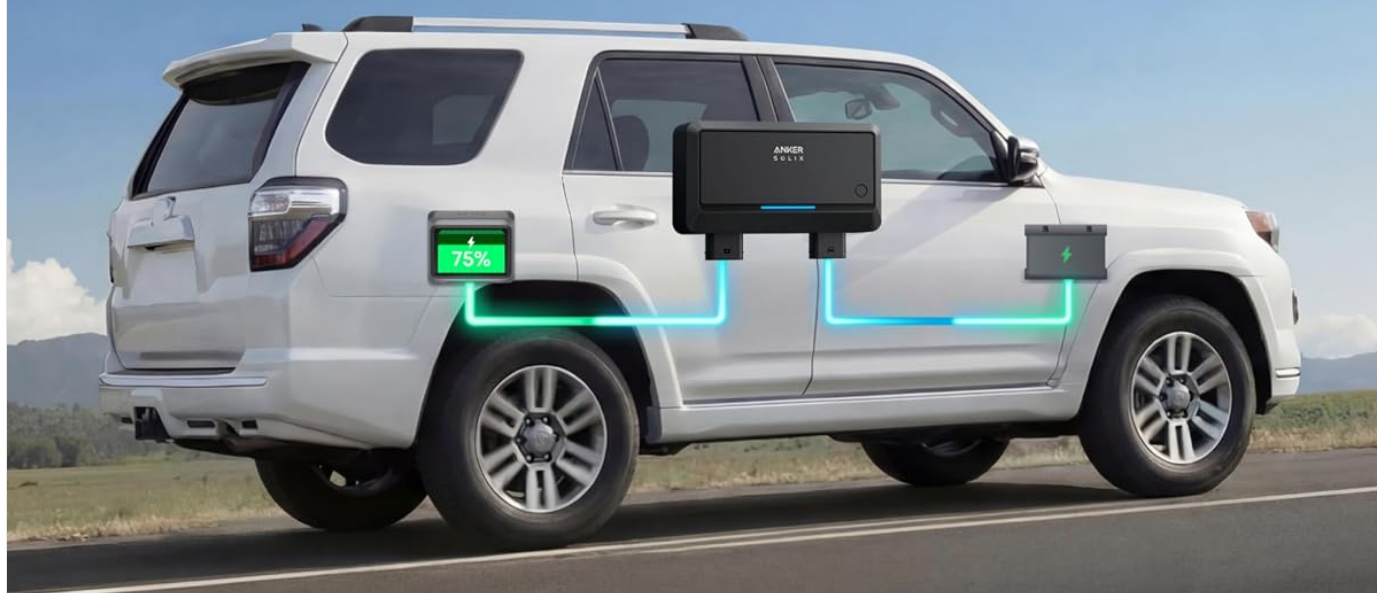
UltraFast PPS
Charging



Seamless RV
Expansion



Efficient Vehicle
Battery Recharge



Notes:

1. RV expansion and vehicle battery recharge functions will be available by Q1 2026.
2. XT60i port connection cable only recharges the power station. An additional Expansion Port Output Cable (sold separately) is required for vehicle batteries or RVs.
3. Actual performance varies based on cable length, vehicle power supply, and ambient temperature.

Figure 5: Demonstrates 800W UltraFast Alternator Charging for the Anker SOLIX system, ideal for on-the-go power.

EXPANSION CAPABILITIES

The Anker SOLIX BP2000 Expansion Battery is specifically designed to double the capacity of your Anker SOLIX C2000 Gen 2. This allows for significantly extended runtimes for your appliances.

Get 2× Runtime with 4kWh Expansion

4kWh

with BP2000 (Gen 2) Expansion Battery

30 - 64 Hr

Fridge Runtime



Multi-Package Shipping

4096Wh



Disclaimer: Based on testing at an ambient temperature of **25°C, 10 - 28 cu.ft refrigerators (unloaded and with the ice-making function disabled)** achieved 30 - 64 hours with C2000 Gen 2 and a BP2000 (Gen 2) Expansion Battery.

Figure 6: The combined Anker SOLIX C2000 Gen 2 and BP2000 Expansion Battery system offers 4096Wh capacity.

For example, with the BP2000 connected, the combined system can power a refrigerator for 30-64 hours, compared to 15-32 hours with the C2000 alone. This extended runtime is crucial for maintaining essential services during prolonged power interruptions.

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Video 2: Refrigerator Runtime Test by Anker SOLIX Lab. This video demonstrates the extended runtime capabilities of the Anker SOLIX C2000 Gen 2 when paired with an expansion battery, specifically for powering a refrigerator.

MAINTENANCE

- **Storage:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- **Charging:** For optimal battery health, fully charge the unit at least once every 3-6 months if not in regular use.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the battery. Do not use liquid cleaners or immerse the unit in water.
- **Inspection:** Regularly inspect the battery and cables for any signs of damage. Do not use if damaged.

TROUBLESHOOTING

- **Battery Not Charging:** Ensure all cables are securely connected between the BP2000 and C2000, and the C2000 is properly connected to a power source.
- **No Power Output:** Check if the C2000 is turned on and the inverter is activated. Verify that the battery level is sufficient.
- **Error Messages:** Refer to the Anker SOLIX C2000 Gen 2 user manual or the Anker SOLIX app for specific error code explanations and solutions.
- **Compatibility:** The BP2000 Expansion Battery is exclusively designed for the Anker SOLIX C2000 Gen 2 Series. It is not compatible with other Anker products.

SPECIFICATIONS

Specification	Value
Model Number	A1783
Battery Capacity	2,046Wh (640,000 Milliamp Hours)
Battery Cell Composition	Lithium-Phosphate (LiFePO4)
Lifespan	10 Years (4,000 cycles to 80% capacity)
Voltage	3.2 Volts
Item Dimensions	15.57 x 7.78 x 9.02 inches
Item Weight	18.9 Kilograms (41.7 lbs)
UPC	194644255237

WARRANTY AND SUPPORT

The Anker SOLIX BP2000 Expansion Battery (Gen 2) comes with a **5-year full-device warranty**, providing peace of mind for your purchase. For any questions, technical assistance, or warranty claims, please contact Anker customer service through their official website or the contact information provided in your warranty card. For additional resources, visit the official Anker support page: www.anker.com/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