

What's in the Box

Overview

LCD Screen Guide

Turning On/Off the Power Station

Recharging the Power Station

AC Recharging

DC Recharging

Powering the Devices

AC Powering

USB Ports Powering

Car Socket Powering

Uninterruptible Power Supply (UPS)

Connecting with an Expansion Battery

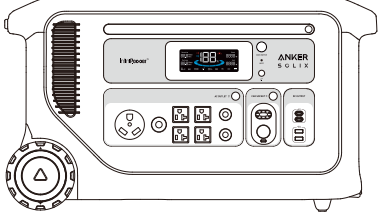
Connecting Two Anker SOLIX F3000 Portable Power Stations

Using the Anker App

FAQ

Specifications

What's in the Box



Anker SOLIX F3000 Portable Power Station



AC Charging Cable

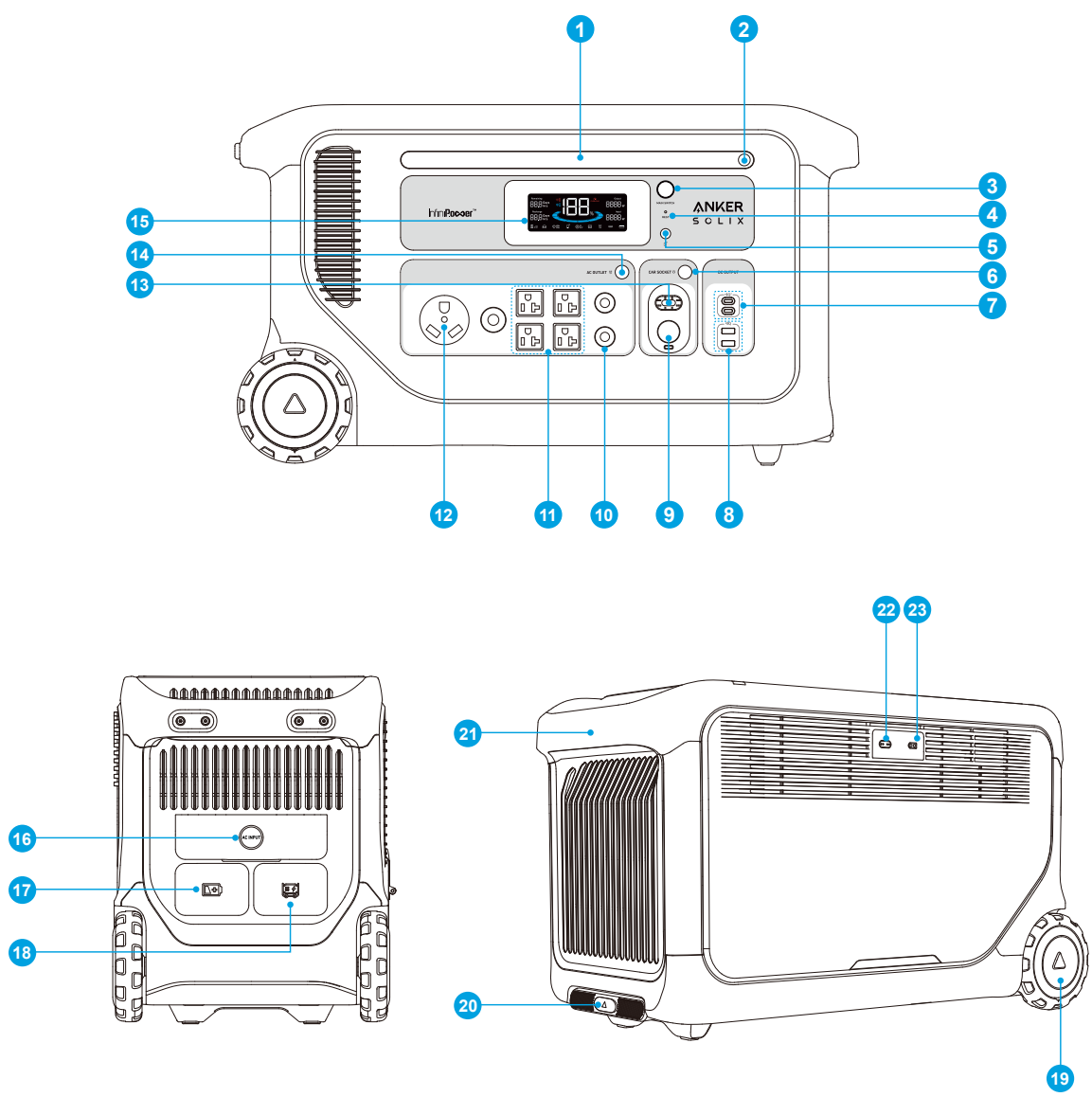


High-Voltage Solar Charging Cable



Important Information

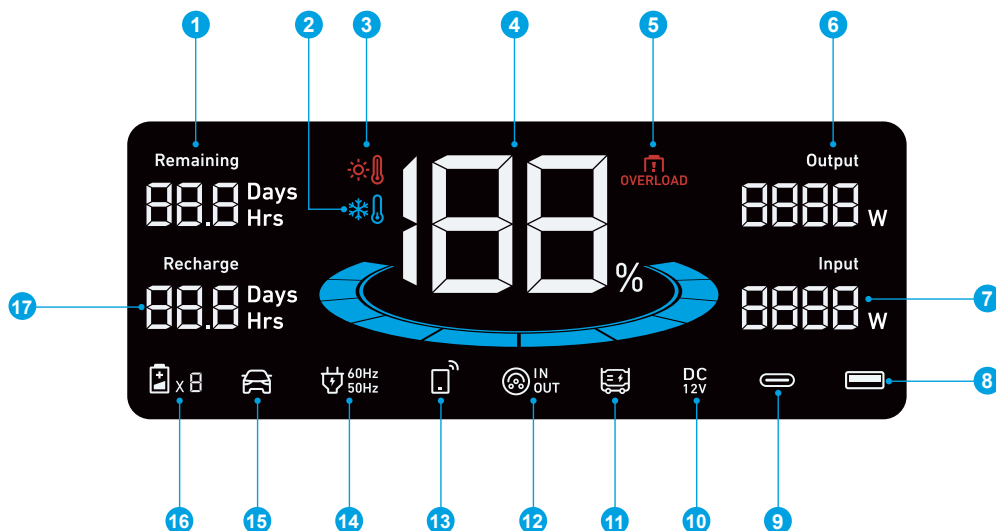
Overview



1 Ambient Light	2 Ambient Light Button	3 Main Power Button	4 Reset Hole
5 IoT Button	6 Car Socket Button	7 USB-C Output Port	8 USB-A Output Port
9 Car Socket Port	10 Overload Protection Button	11 NEMA5-20R AC Output Port	12 TT-30R AC Output Port
13 Andersen Port	14 AC Outlet Button	15 LCD Screen	16 AC Input/Output Port

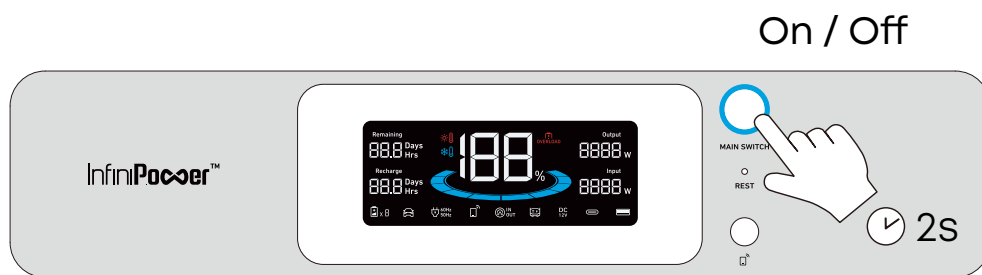
17 Expansion Battery Port	18 DC Generator Input Port	19 Wheel	20 Pull Rod
21 Handle	22 High-PV Input Port	23 Low-PV Input Port	

LCD Screen Guide



- 1 Estimated Time for Battery to Deplete
- 2 Low-Temperature Alert
When this icon appears, stop using the power station until the icon disappears.
- 3 High-Temperature Alert
When this icon appears, stop using the power station and let it cool down until the icon disappears.
- 4 Battery Level
- 5 Overload Warning
This icon appears when a port is overloaded. The port will turn off to avoid any damage. Please remove the device causing overload.
- 6 Current Output Power
- 7 Current Input Power
- 8 USB-A Output Port
- 9 USB-C Output Port
- 10 DC Output Port
- 11 DC Generator Recharging
- 12 AC Input/Output Port
When the AC port detects input power, the icon displays "IN"; when the AC port detects output power, the icon displays "OUT".
- 13 IoT
Press the IoT button for 2 seconds and connect your devices through the app when this icon appears on the screen.
- 14 AC Charge and Voltage Frequency
- 15 Electrical Vehicle Charging
- 16 Number of Expansion Battery Connected
When the expansion battery is connected successfully, this icon appears on the screen.
- 17 Estimated Time to Fully Recharge

Turning On/Off the Power Station



Press the main power button for 2 seconds to turn your power station on or off. When the "Battery Level" icon shows on the LCD screen, your power station is ready to charge devices.

The power station will be turned off automatically if output buttons are switched off and no power loads are detected for 12 hours. The standby duration can be set in the Anker app.

Recharging the Power Station

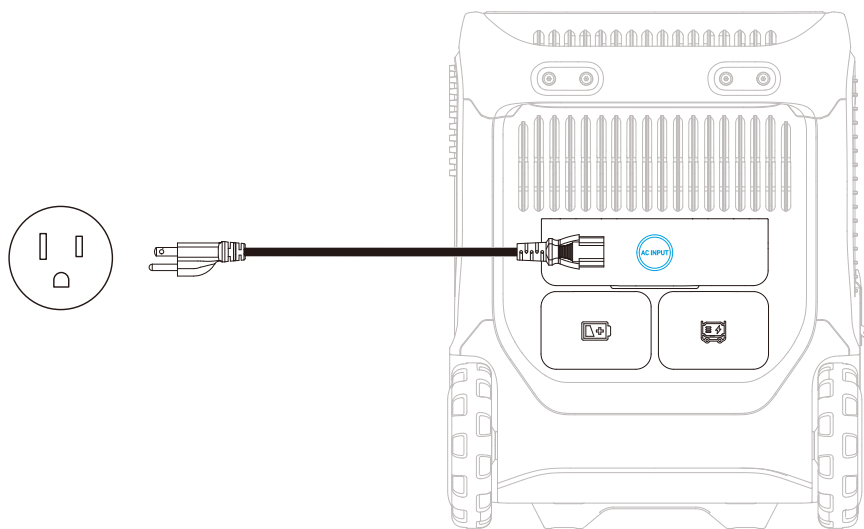
When your portable power station only has 1% battery remaining, the "Battery Level" icon will flash to remind you to recharge.

AC Recharging

When the power station is recharged via AC, the maximum AC input power is 3000W. It will be up to 3600W when the power station and expansion battery are recharged at the same time.

Recharging via AC Wall Outlet (120V~ 15A, 1800W Max)

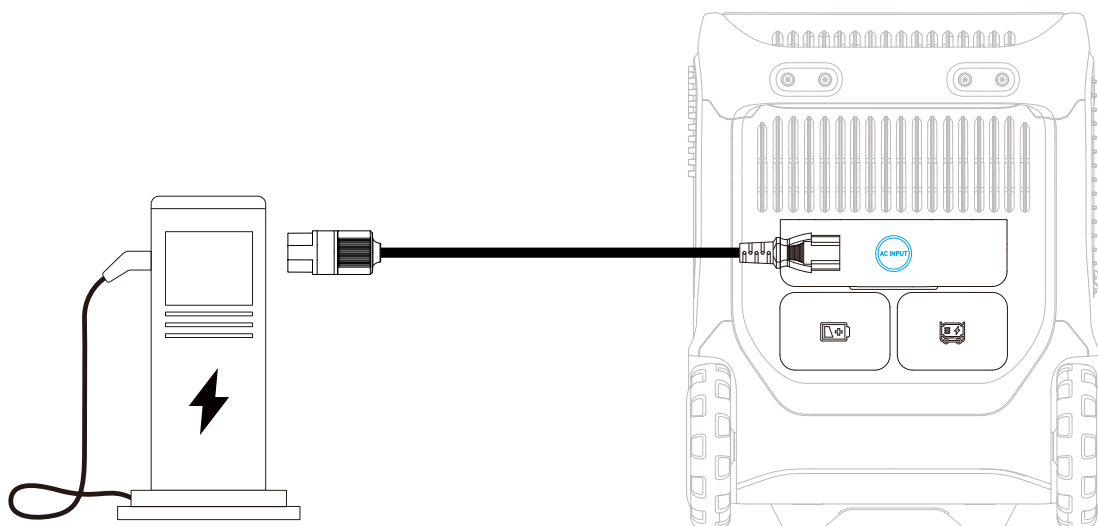
Recharge the power station by connecting to a wall outlet with the AC charging cable.



Recharging via EV Station (240V~ 15A, 3600W Max)

Recharge the power station by connecting to the EV station with the EV charger.

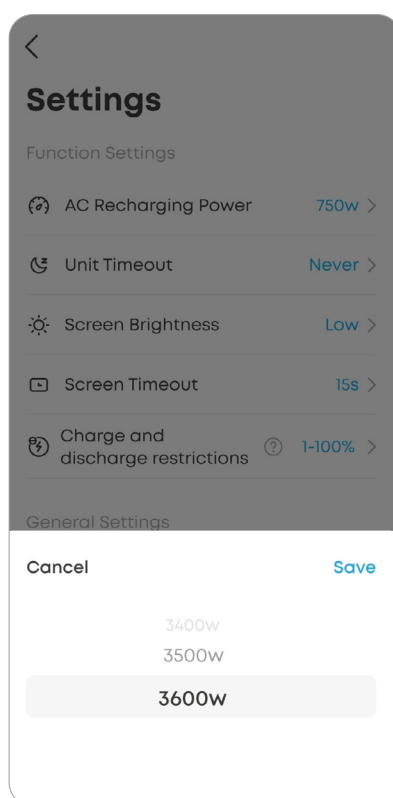
* Please refer to Anker SOLIX EV Charging Adapter user guide for more information.



Recharging via Thrid-Party Generator (120V~ 30A, 3600W Max)

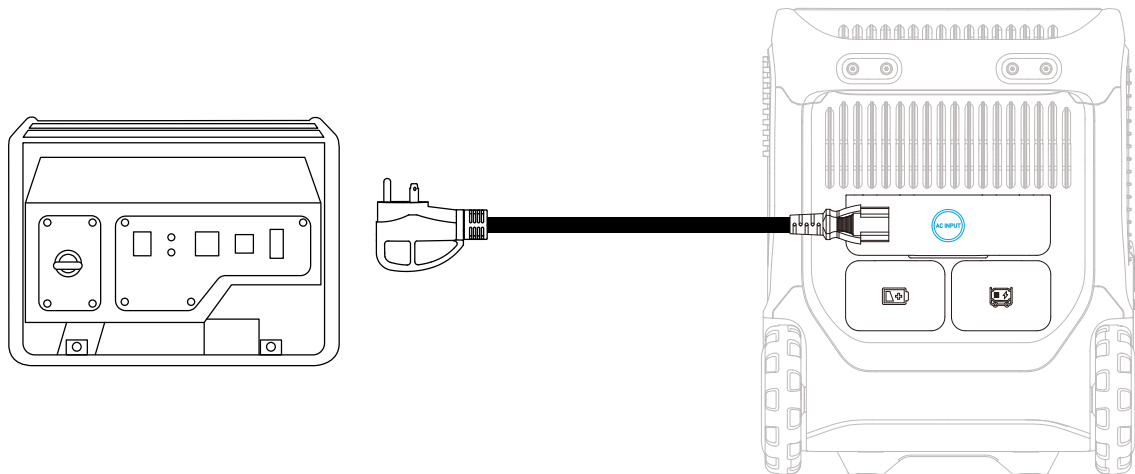
Recharge the power station by connecting to a third-party 120V AC generator with Anker SOLIX TT-30 Charging Cable you purchased.

* Please refer to Anker SOLIX TT-30 Charging Cable user guide for more information.



Note:

- When Anker SOLIX TT-30 Charging Cable is connected, the NEMA 5-20R AC output ports of the power station will be disabled. The TT-30R ports can still work.



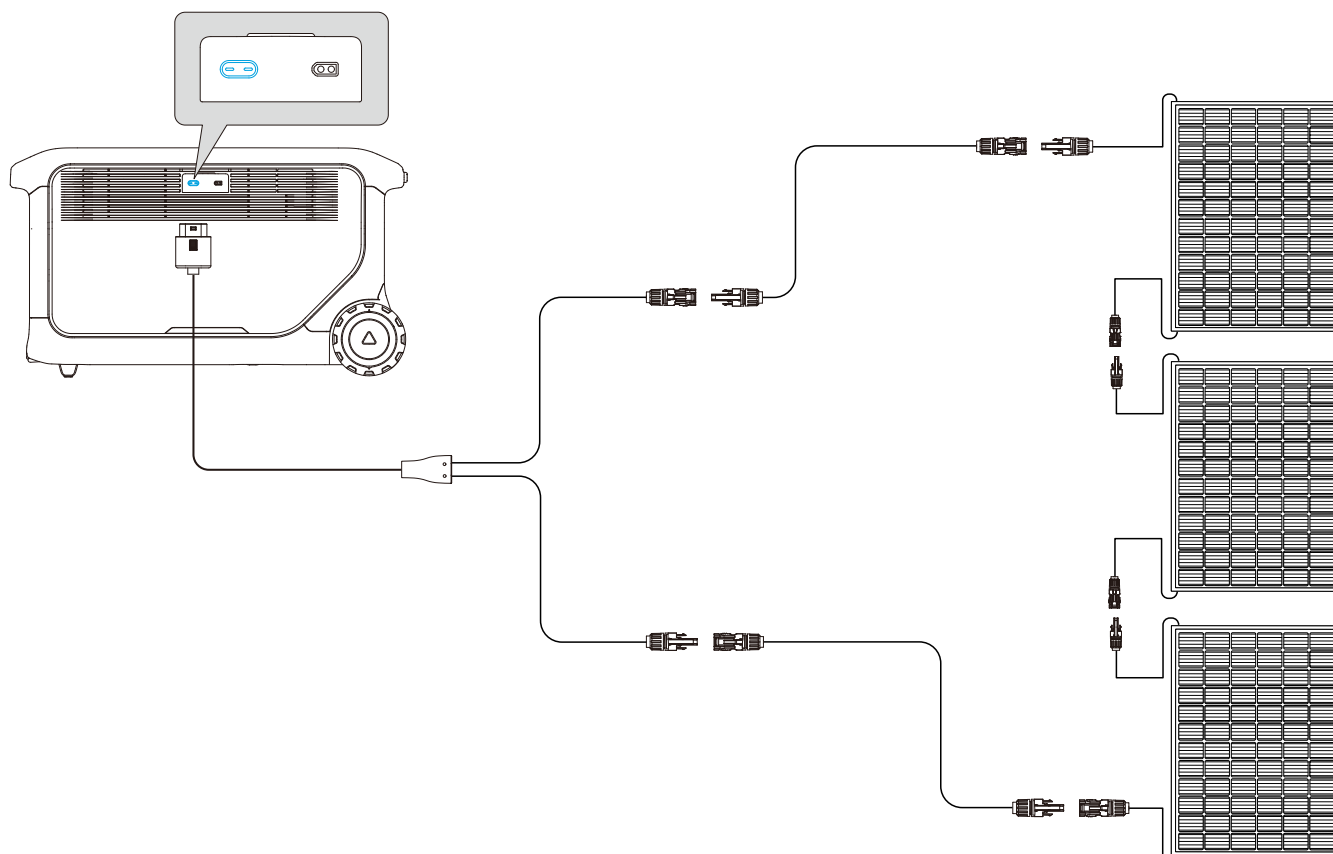
DC Recharging

Solar Panel Recharging (2400W Max)

The power station has a High-PV input port and Low-PV input port. Recharge the power station with a maximum solar input of 2400W.

High-PV Input Port Wiring Instruction

The voltage range of the High-PV input port is 11-165V. Voltage exceeding 165V will damage the power station. Please make sure the total open-circuit voltage is within this range.

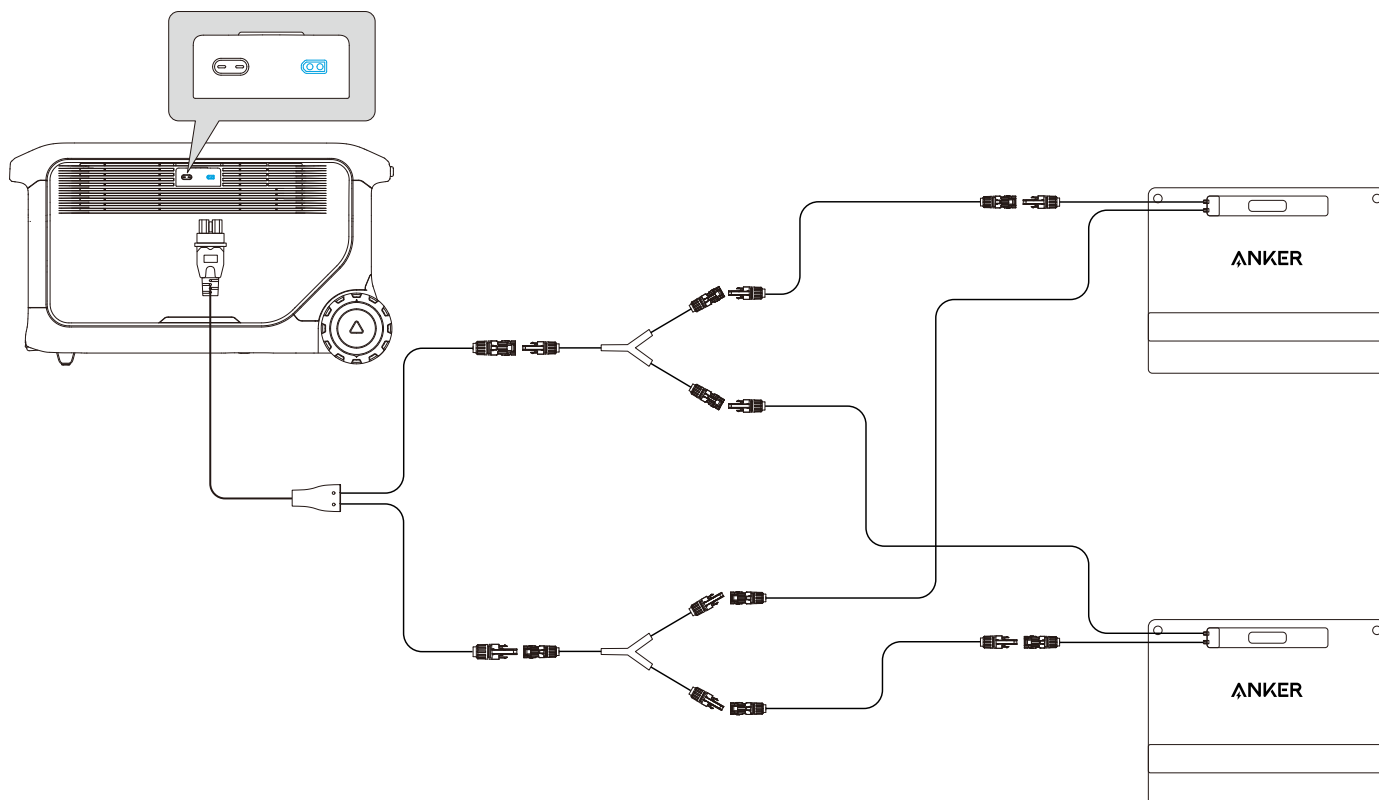


Low-PV Input Port Wiring Instruction

The voltage range of the Low-PV input port is 11-60V.

Note:

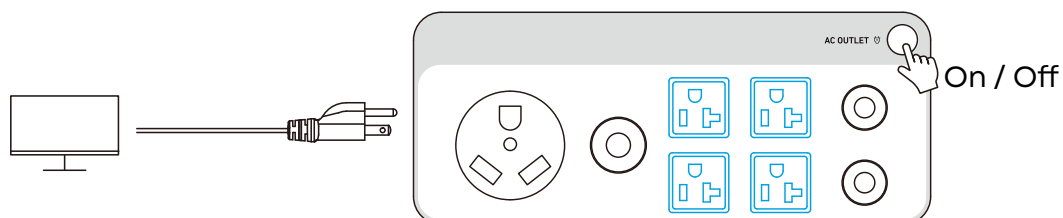
- Ensure the total solar current is near 17A. If it exceeds 17A, the output power of the solar panel cannot be fully utilized.
- To connect solar panels in parallel, purchase the Solar Parallel Connection Connector from the Anker official website. Follow the diagram and connect the panels .



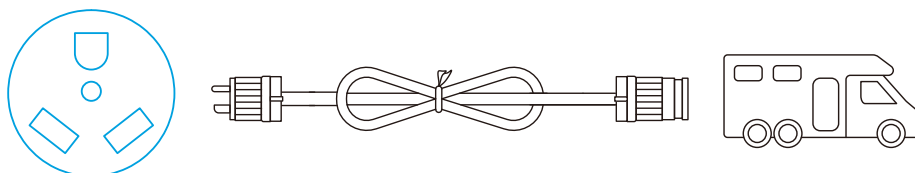
Powering the Devices

AC Powering

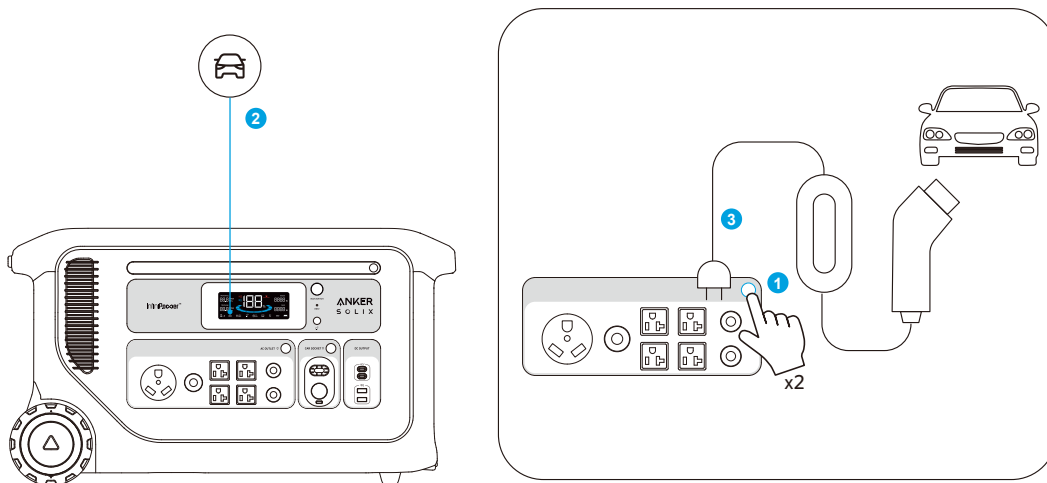
Press the AC outlet button and connect your devices to NEMA 5-20R output ports of the power station.



Press the AC outlet button and connect your devices to the TT-30R AC output port. The max output power via this port is 3600W.

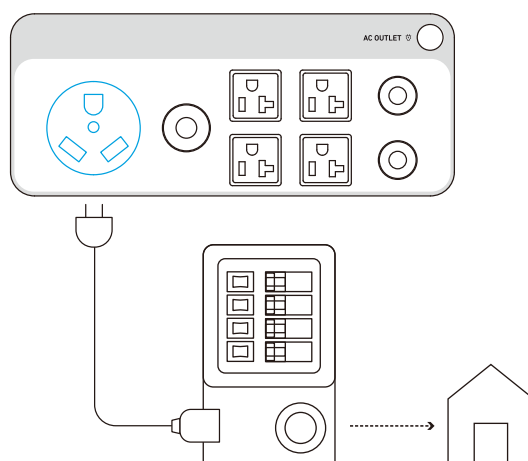


Double-press the AC outlet button to turn on EV mode, wait until the car icon appears on screen, then connect your device to the NEMA TT-30R AC output port. When the power station is in EV Charging mode, it cannot be charged via AC simultaneously. The max output power via this port is 3600W.

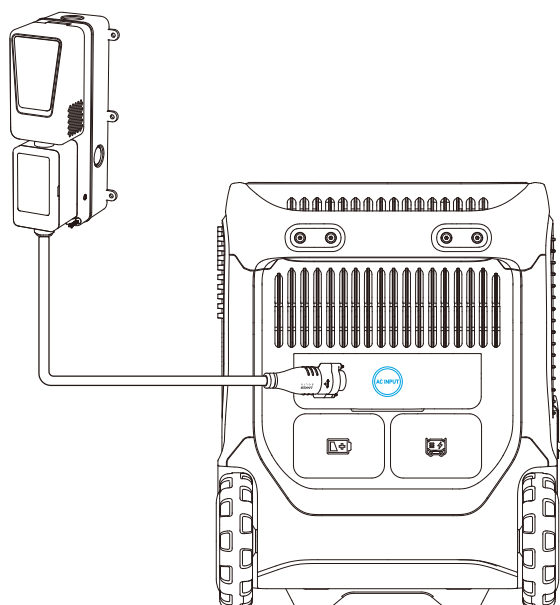


To power the loads that require backup electricity, press the AC outlet button and connect the power station to your inlet box or transfer switch via the TT-30R AC output port.

⚠ To ensure safe power supply with the AC ports, the neutral (N) and ground (PE) wires of the inlet box or transfer switch must be properly connected. Missing neutral (N) and ground (PE) wires may cause devices damaged on the circuit.

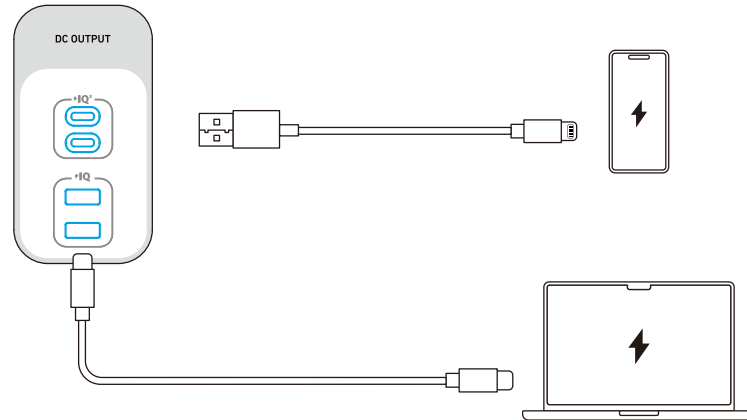


To power some appliances on the same circuit, connect the power station to Anker SOLIX Bi-Directional Inlet Box. Please refer to Anker SOLIX Bi-Directional Inlet Box user guide for more information on how to install it.



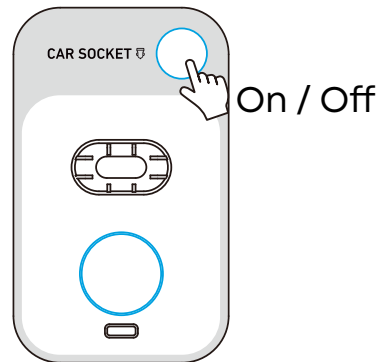
USB Ports Powering

Connect your devices to USB ports.



Car Socket Powering

Press the car socket button and connect your devices to start charging.

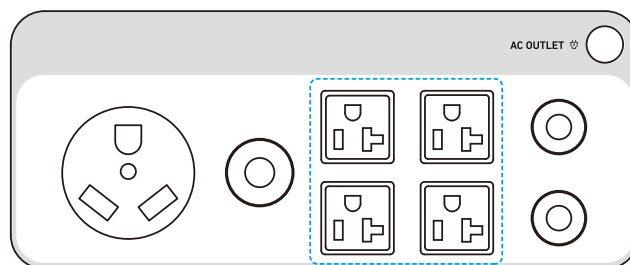


Uninterruptible Power Supply (UPS)

An uninterruptible power supply (UPS) is a type of continual power system that provides automated backup power to the loads when the mains power fails.

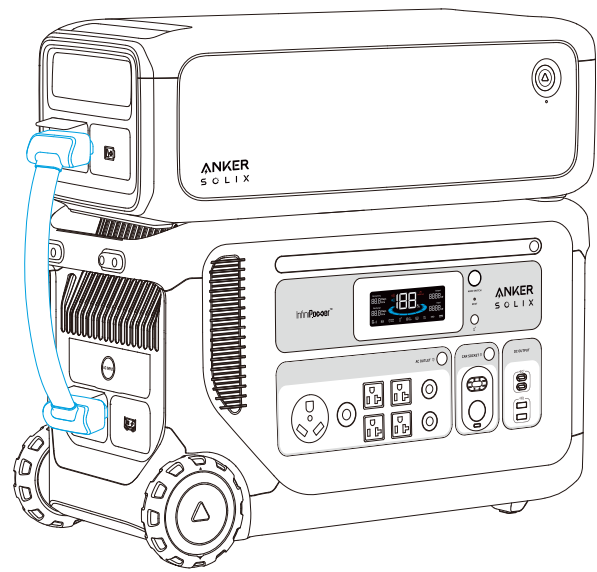
Connect the power station to a wall outlet or a generator, then press the AC output button and connect your devices at the same time. In the event of a sudden loss of mains power, the power station will automatically power your devices with the stored power within 20 ms.

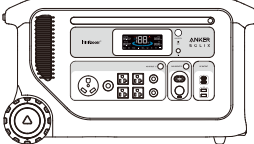
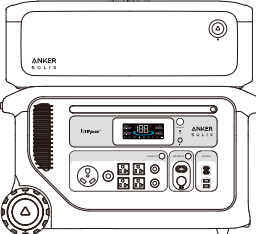
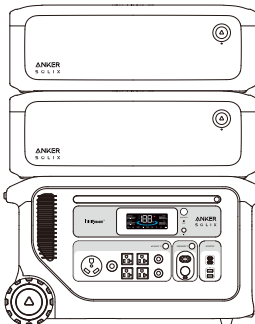
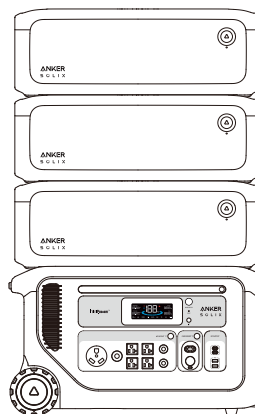
*UPS is supported by NEMA 5-20R AC Output Ports.



Connecting with an Expansion Battery

You can purchase Anker SOLIX BP3000 Expansion Batteries and connect them to the power station to increase the capacity up to 12288Wh. Please refer to the user guide of Anker SOLIX BP3000 Expansion Battery for detailed instructions.

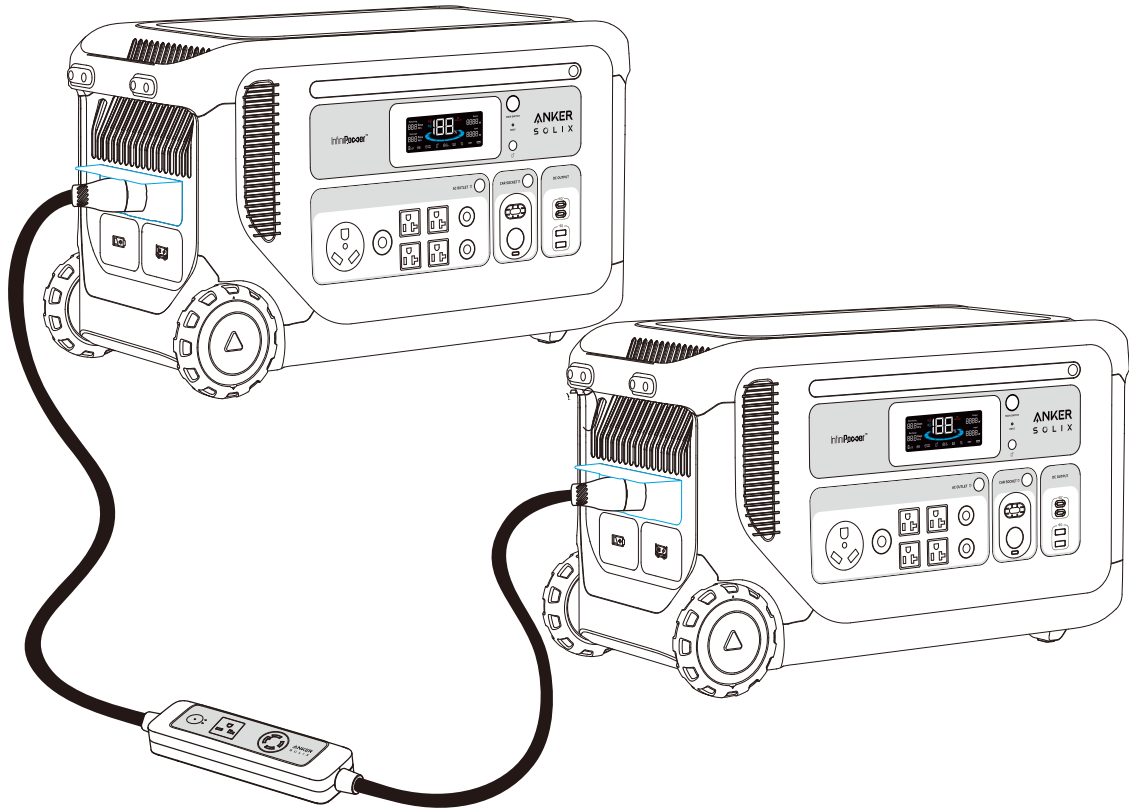


Anker SOLIX F3000 Portable Power Station				
				
				
				
Expansion Battery Module	0	× 1	× 2	× 3
Energy	3072Wh	6144Wh	9216Wh	12,288Wh

Connecting Two Anker SOLIX F3000 Portable Power Stations

You can purchase Anker SOLIX Double Power Hub to connect two Anker SOLIX F3000 Portable Power Stations to power your entire house. The maximum output power of the hub is 7200W. Please refer to the user guide of Anker SOLIX Double Power Hub for detailed instructions.

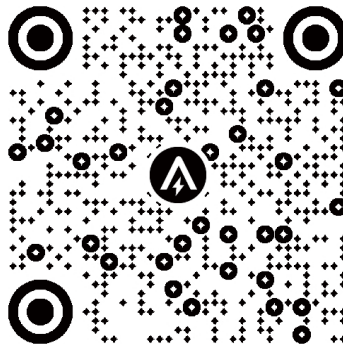
 Connect two Anker SOLIX F3000 Portable Power Stations to one live wire is not supported.



Using the Anker App

You can remotely control your power station using the Anker app.

1. Download the Anker app from the App Store (iOS devices) or Google Play (Android devices), or by scanning the QR code.



2. Connect the device to a network before using the app for the first time. After connecting successfully, you can connect your device off-grid.
3. Firmware update: You will be informed once a new firmware version is detected when you connect the power station to the app. During the update, ensure the power station is being charged and connected to Wi-Fi.

FAQ

1: What kind of solar panels can charge Anker SOLIX F3000 Portable Power Station?

When connected to the high-PV input port, the voltage of solar panels should be 11-165V, up to 17A (1600W Max). Voltage exceeding 165V will damage the power station.

When connected to the low-PV input port, the voltage of solar panels should be 11-60V, up to 17A (800W Max). Voltage exceeding 60V will damage the power station.

2: What should I do when AC recharging fails?

If AC recharging does not work, check if the overload protection is turned on. If it is on, press the overload protection button to reset and then continue recharging.

3: How do I reset my power station?

If your power station is not working correctly, insert a paper clip or pin into the reset hole for 1 second for a factory reset. If the power station still doesn't work, please contact support@anker.com.

4: If I have a 240V AC generator, can I use it to recharge the Anker SOLIX F3000 Portable Power Station?

No, the Anker SOLIX F3000 Portable Power Station currently supports charging only from 120V AC pure sine wave generators. It is not compatible with 240V AC generators.

5: Can the Anker SOLIX F3000 Portable Power Station be recharged via an EV station?

Yes. You can charge the portable power station with a maximum power of 3600W (240V~ 15A) by connecting the EV charger to the EV station.

6: How to store the Anker SOLIX F3000 Portable Power Station?

- Turn off the power station when not in use to avoid energy loss.
- Store the power station in a dry and cool area.
- Check the battery capacity each week. If the battery level is below 30%, charge the power station to 100%. Discharge it and fully charge it at least once every 3 months.

Specifications

Net Weight	41.5kg/91.5lbs
Dimensions	651*300*377mm
Rated Capacity	51.2Vdc 60000mAh/3072Wh
AC Input/Output Port (AC Input)	120V~ 15A Max (<3hours), 1800W Max, 12A (continue), 60Hz, L+N+PE 120V~ 30A Max (<3hours), 3600W Max, 24A (continue), 60Hz, L+N+PE 240V~ 15A Max, 3600W Max, 60Hz, L+N+PE
AC Input/Output Port (AC Input Bypass Mode)	120V~ 15A Max, 60Hz (<3hours when the current exceeds 12A) 120V~ 30A Max, 60Hz (<3hours when the current exceeds 24A)
AC Input/Output Port (AC Output)	120V~ 30A Max, 3600W Max, 60Hz, L+N+PE
AC Output (TT-30R)	120V~ 30A Max, 60Hz, 3600W Max
AC Output (NEMA 5-20R)	120V~ 20A Max, 60Hz, 2400W Max
DC Generator Input	40-60V = 100A Max
PV Input	High-PV Input: 11-165V = 17A Max (1600W Max) Low-PV Input: 11-60V = 17A Max (800W Max)
USB-C Output	5V = 3A/ 9V = 3A/ 15V = 3A/ 20V = 3A/ 20V = 5A (100W Max Per Port)
USB-A Output	5V = 2.4A (12W Max Per Port)
Car Charger Output	12V = 10A
DC Output Port	13.4V = 30A
Battery Type	LiFePO4
Discharging Temperature	-4°F~+104°F / -20°C~+40°C
Charging Temperature	32°F~104°F / 0°C~40°C