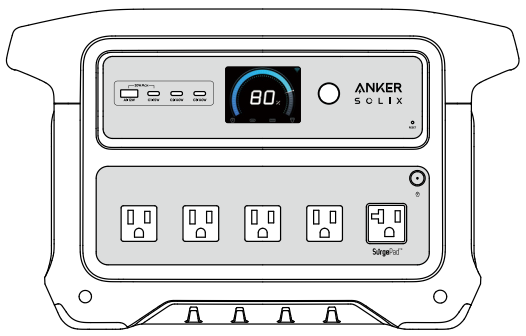
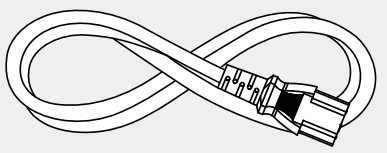
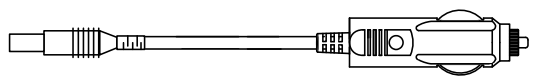
What's in the Box



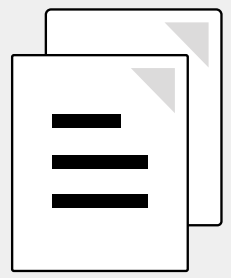
Anker SOLIX C1000 Gen 2
Portable Power Station



AC Charging Cable

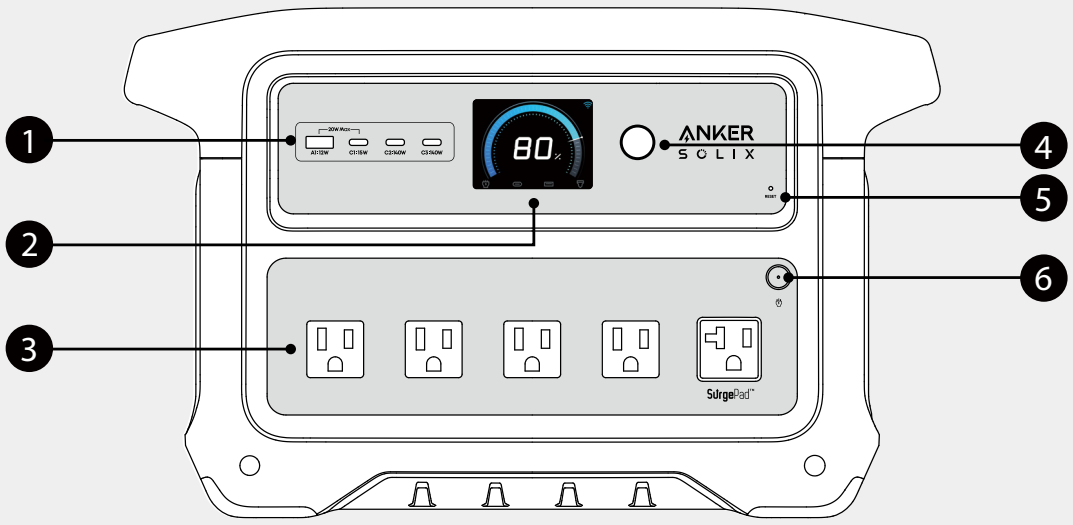


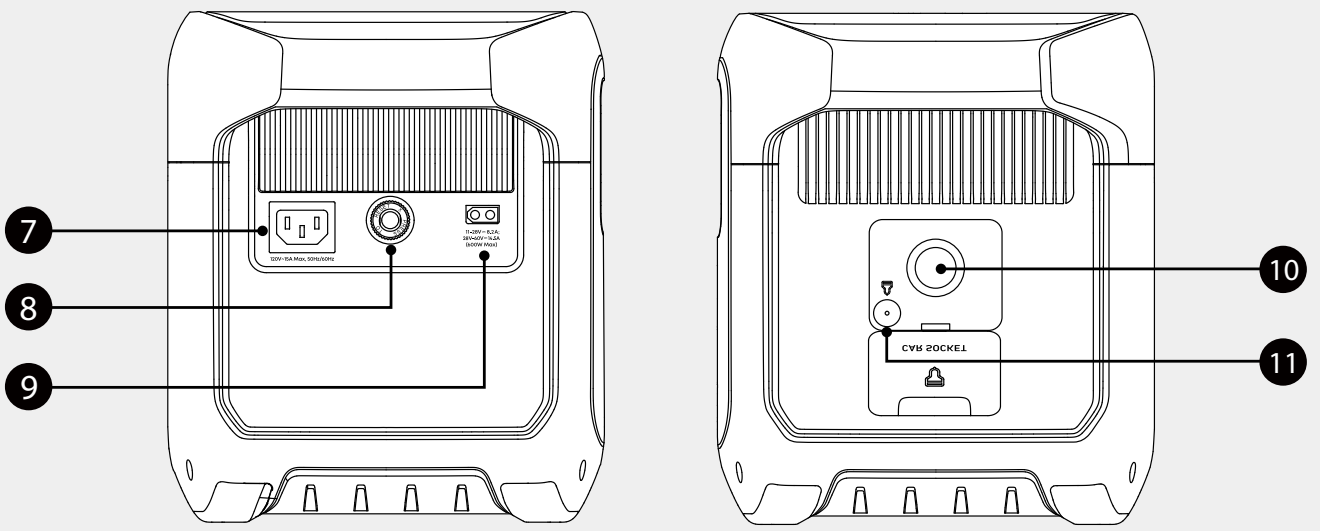
Car Charging Cable



Documents

Product Overview





1 USB Ports

2 LCD Screen

3 AC Output Ports

4 Main Power Button

5 Reset Hole

6 AC Output Button

7 AC Input Port

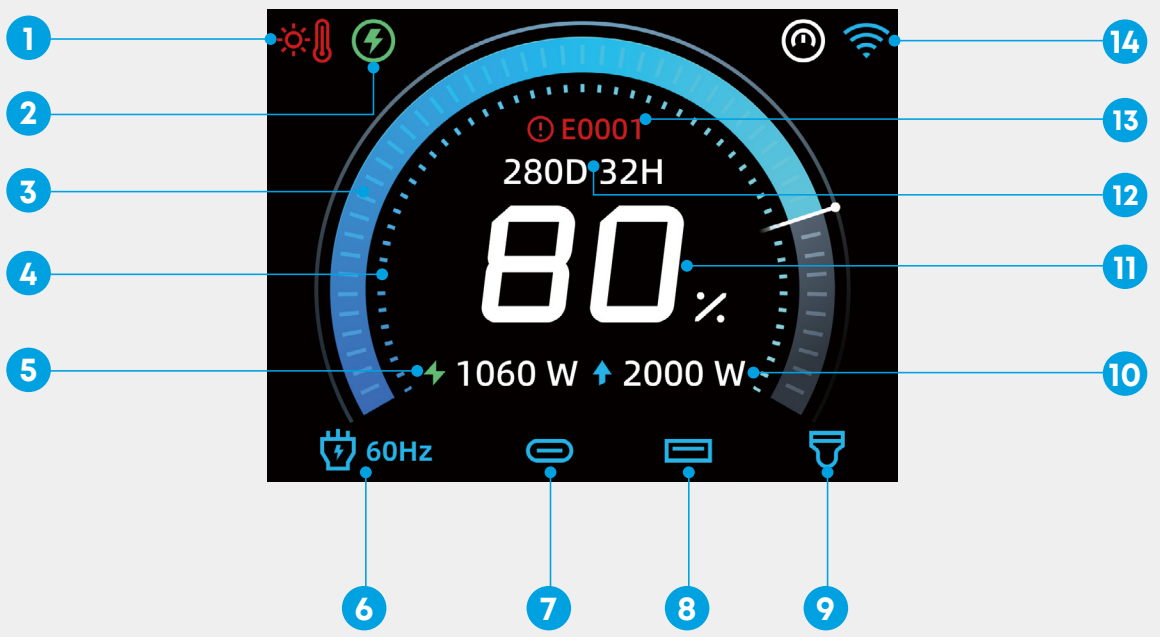
8 Overload Protection Switch

9 XT60i Input Port

10 Car Socket

11 Car Socket Button

LCD Screen Guide



1. High-Temperature / Low-Temperature Alert
   When this icon appears, stop using the power station and let it cool down until the icon disappears.
   When this icon appears, stop using the power station until the icon disappears.

2. Automatic Correction of Battery Level
   If a charging / discharging limit is set, the power station will fully recharge to 100% after 720 hours of operation, regardless of mode or status. This calibrates the battery level. Once fully charged, the power station will return to the state or mode it was in prior to recharging.

3. Battery Level Ring

4. Charging / Discharging Limit
   The lower limit can be set between 1% and 20%, while the upper limit can be set between 80% and 100% in the app.

5. Current Input Power

6. AC Charge Frequency
   This icon lights up when the AC output button is pressed.

7. USB-C Output Port

8. USB-A Output Port

9. DC Output Port
   This icon lights up when the Car socket button is pressed.

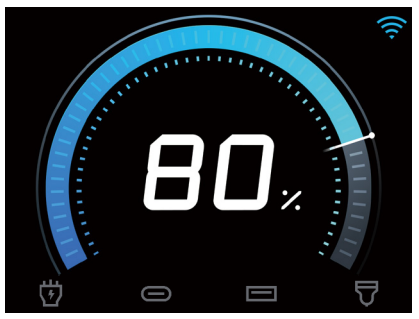
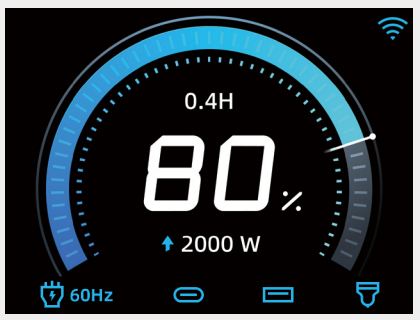
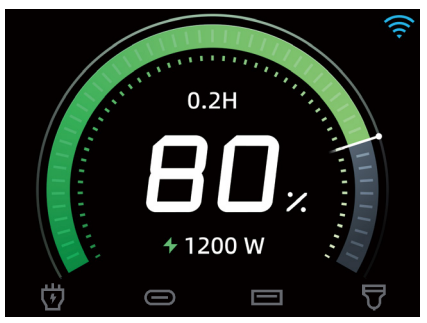
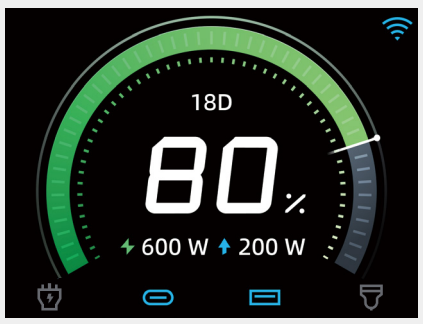
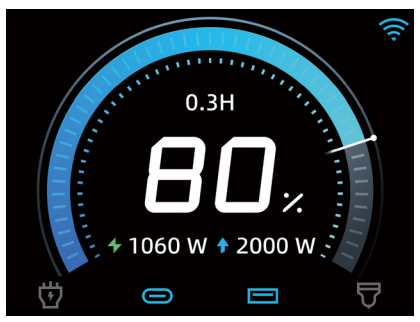
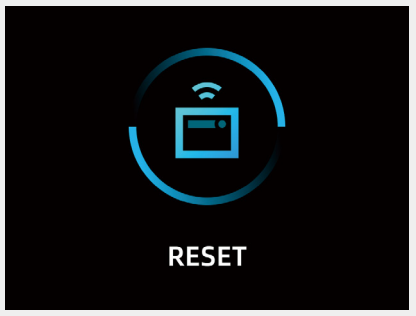
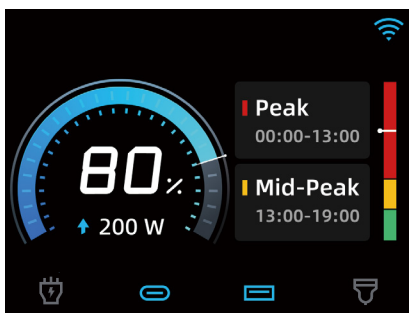
10. Current Output Power

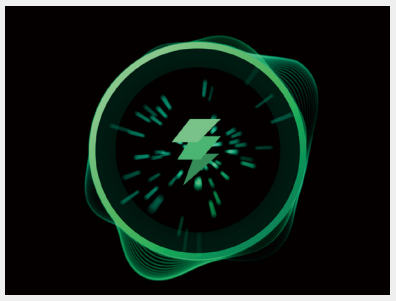
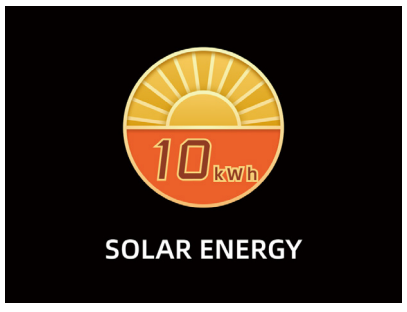
11. Battery Level

12. Estimated Time to Charge / Discharge

13. Error Code
    Please refer to the **Appendix - Error Code** section for detailed types and explanations of the error codes.

14. Wi-Fi / Bluetooth

Screen Display	Status
	No charging or recharging.
	Charging the devices.
	Recharging the power station.
	Recharging specifications during simultaneous charging and recharging.
	Charging specifications during simultaneous charging and recharging.
	Resetting Bluetooth or Wi-Fi. Note: Press the main power button for 7 seconds while the power station is powered off until this icon appears on the screen, indicating a successful IoT reset.
	Time-of-Use mode.

	UltraFast recharging.
	Silent recharging. Note: Input power is under 600W.
	Solar recharging.
	Charge the device at a voltage greater than or equal to 20V.
	The cumulative usage time of the power station reaches 720 hours.
	The cumulative electricity generated by solar power reaches 10kWh.

	Screensaver. Note: • You can set the screensaver's clock in the app to be 12 or 24-hour, or you can select another style. • Display only when recharging. • The display brightness defaults to 5% and can be adjusted in the app to a maximum brightness of 20%.
• Press the main power button once to turn on the screen. • Press the main power button once to switch the interface. • If there is no operation on the interface for 10 seconds, it will automatically return to the main interface.	

Recharging Your Power Station

When your power station only has 1% battery remaining, [!] will appear to remind you to recharge.

AC Recharging

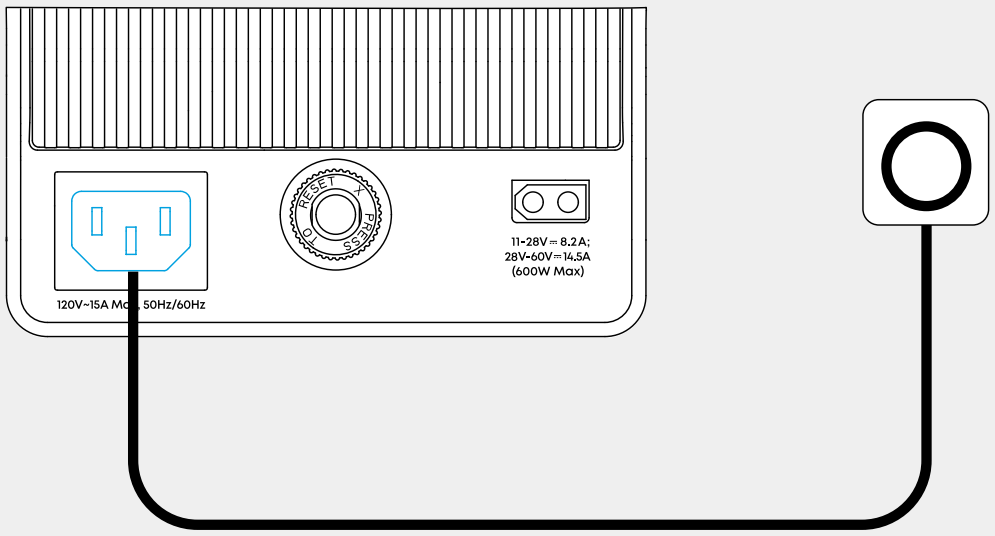
Standard Recharging

Recharge the power station by connecting to a wall outlet with the AC charging cable. The maximum input power of the AC port is 1,200W.

UltraFast Recharging

The UltraFast feature can be enabled or disabled via the Anker app, it allows the power station to be recharged at a maximum input power of 1,600W.

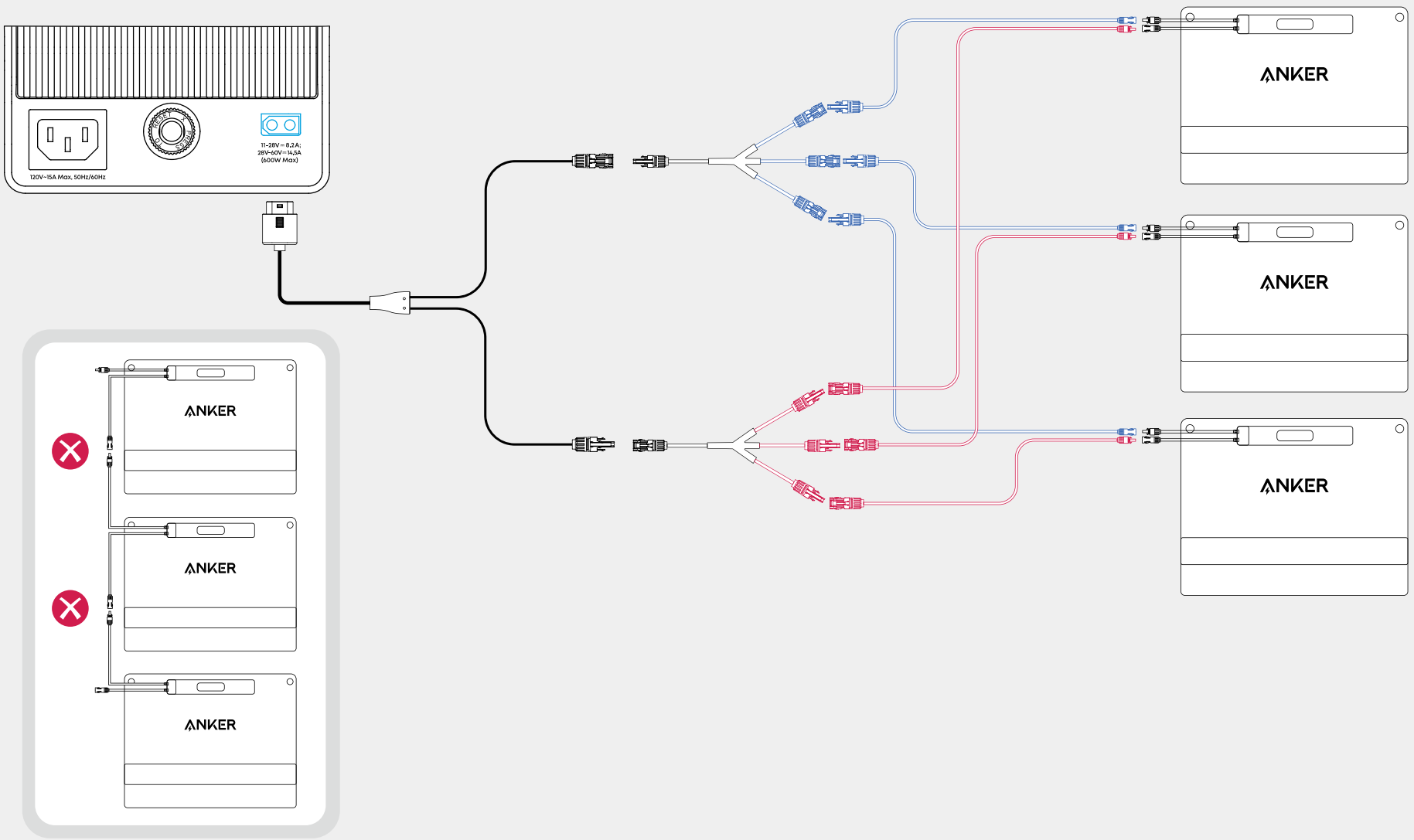
- Recharging at a normal speed can best protect the battery, so we recommend using the UltraFast feature only when necessary.
- Every time you unplug the AC charging cable, the UltraFast recharging feature will automatically be disabled, and you need to enable it in the app.



Solar Panel Recharging

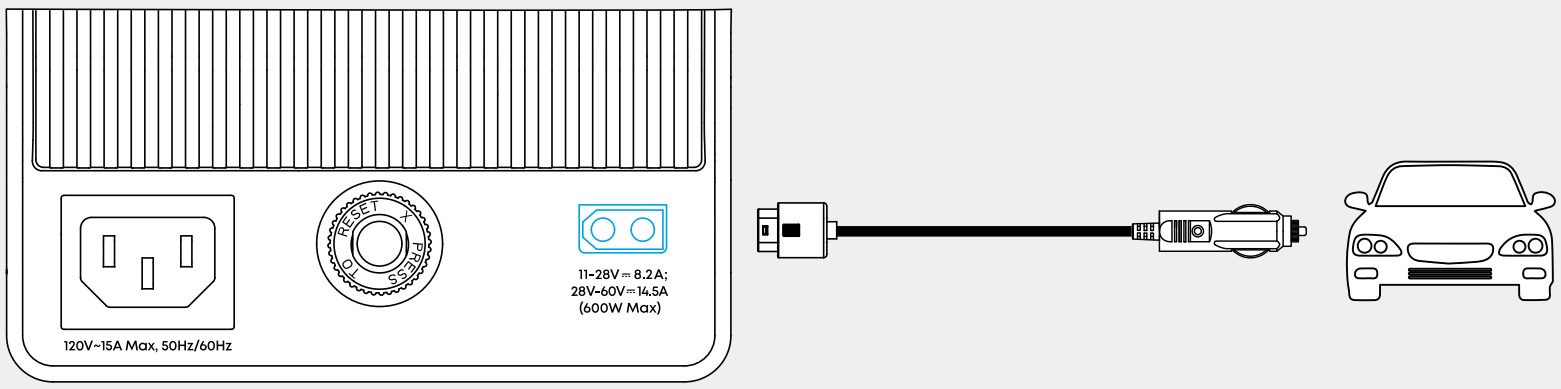
Recharge the power station by connecting the solar panel to the XT60i input port. The maximum input power is 600W.

- Ensure that the total open-circuit voltage (Voc) of the solar panels is within 60V, and the total short-circuit current (Isc) is within 15A.
- To avoid damaging the product, solar panels must be connected in parallel.
- For better compatibility with the power station, it is recommended to use Anker solar panels and PV connectors (sold separately).



Car Recharging

Recharge the power station by connecting to a car's output port with the car charging cable.



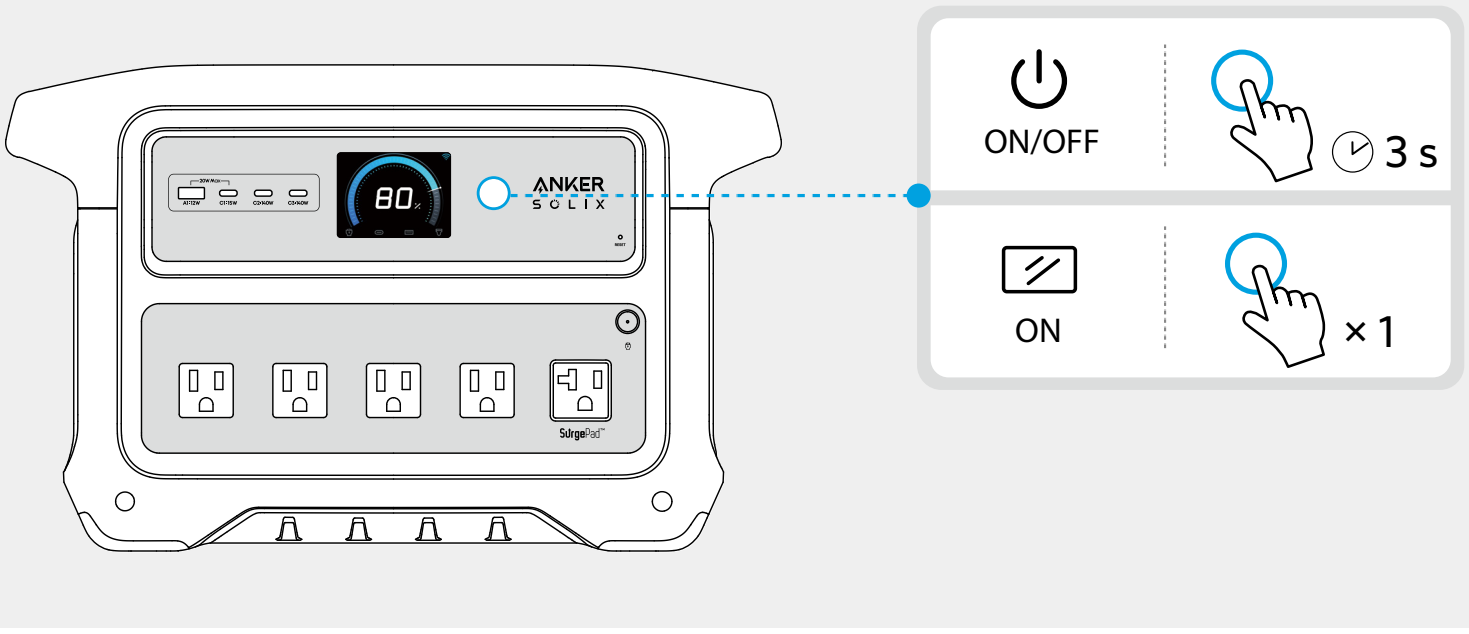
Charging Your Devices

Before using the power station for the first time, recharge it to activate.

Turning On / Off the Power Station

Press the main power button for 3 seconds to turn the power station on or off. When "Battery Level" digit show on the LCD screen, your power station is ready to charge devices.

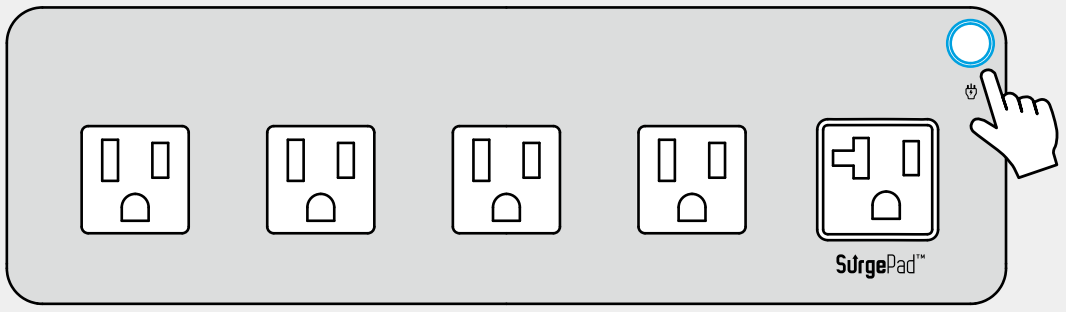
- Press the main power button once to turn the screen on. The screen will be turned off automatically after 30 seconds of lighting up. The auto-off time can be set in the Anker app.
- The default standby duration of the power station is 12 hours, which can be set in the Anker app.



AC Charging

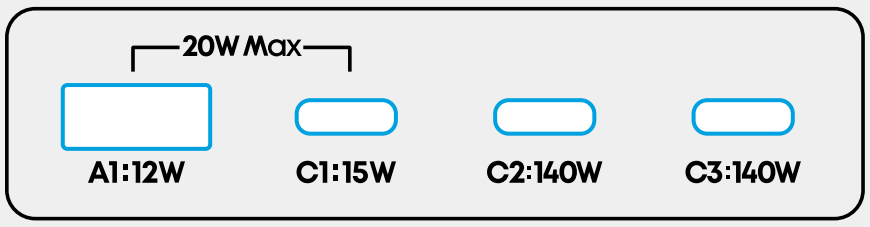
Press the AC output button and connect your devices with the AC output ports.

The AC output ports can intelligently identify whether a plug is inserted. This helps prevent power waste by automatically turning off the power station if no plug is detected for more than 15 minutes.



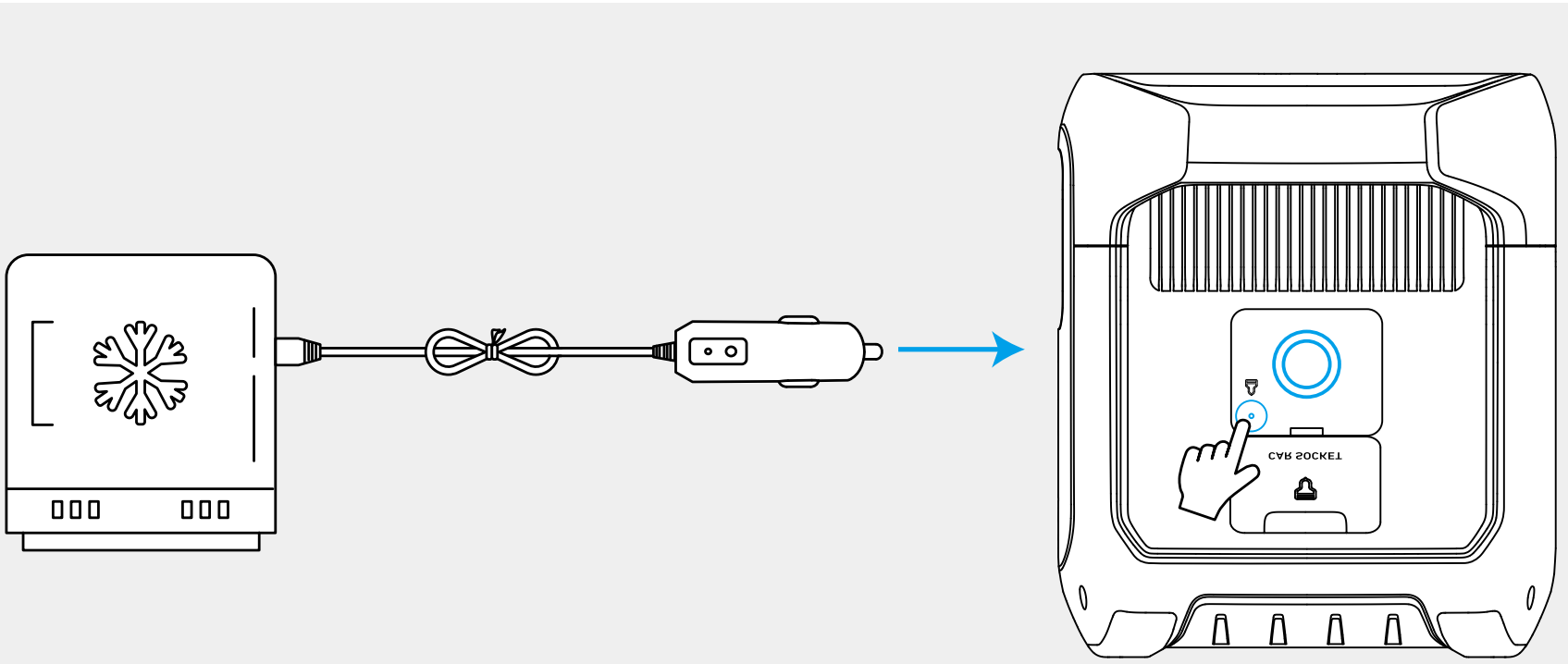
USB Charging

Connect your devices to USB ports.



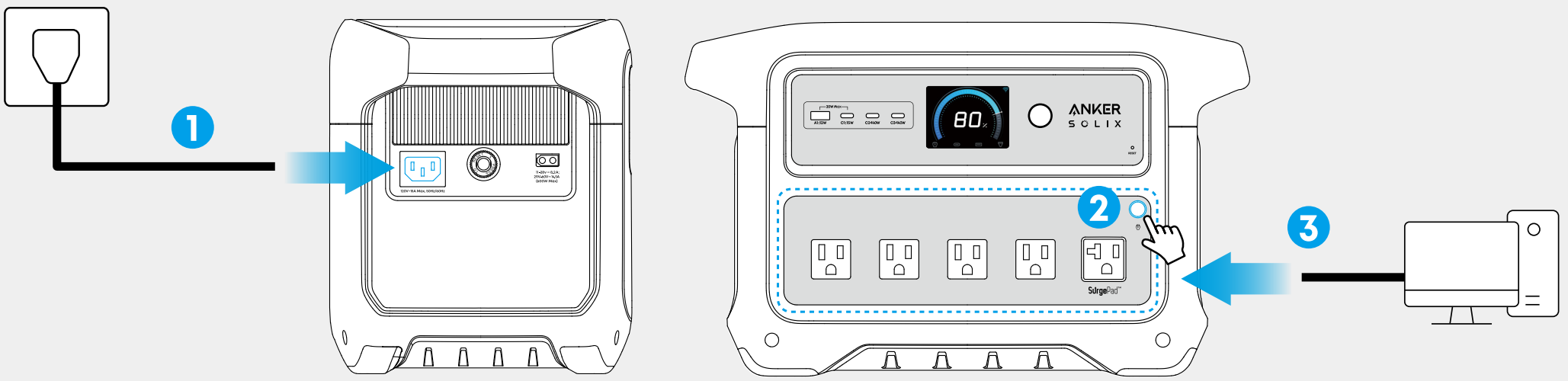
Car Socket Charging

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



Uninterruptible Power Supply (UPS)

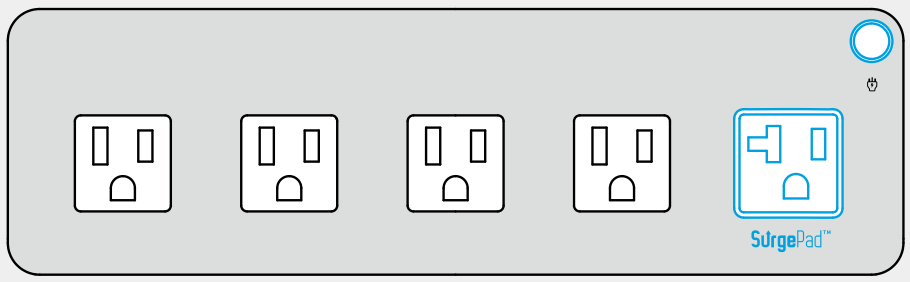
To use the UPS feature, connect your power station to a wall outlet with the provided AC charging cable, then press the AC output button and connect your devices via the AC output ports. UPS supports 10 ms.



SurgePad™

The power station supports the SurgePad™ feature for up to 2,400W AC output.

- SurgePad™ automatically turns on when the total output exceeds the rated output, allowing the power station to deliver rated power to high-wattage devices.
- SurgePad™ does not function in bypass mode (when the power station is being charged with the AC output on).
- SurgePad™ works better with devices that generate heat, but does not support precision instruments and other devices that have voltage protection or strict voltage requirements. To see if SurgePad™ works with your high-wattage devices, try powering them with the power station.



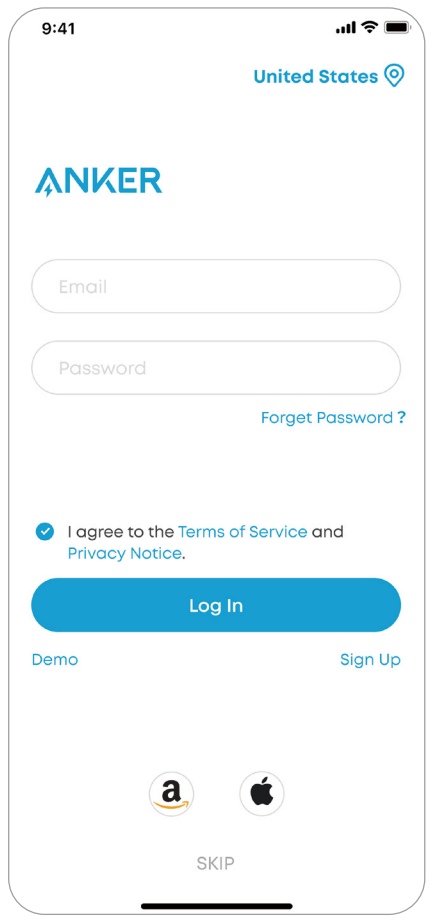
Using the Anker App

- You can remotely control your power station using the Anker app.
- The information below may not list all of the features available on the Anker app. To ensure access to new and improved features, download updated versions of the app as they become available.

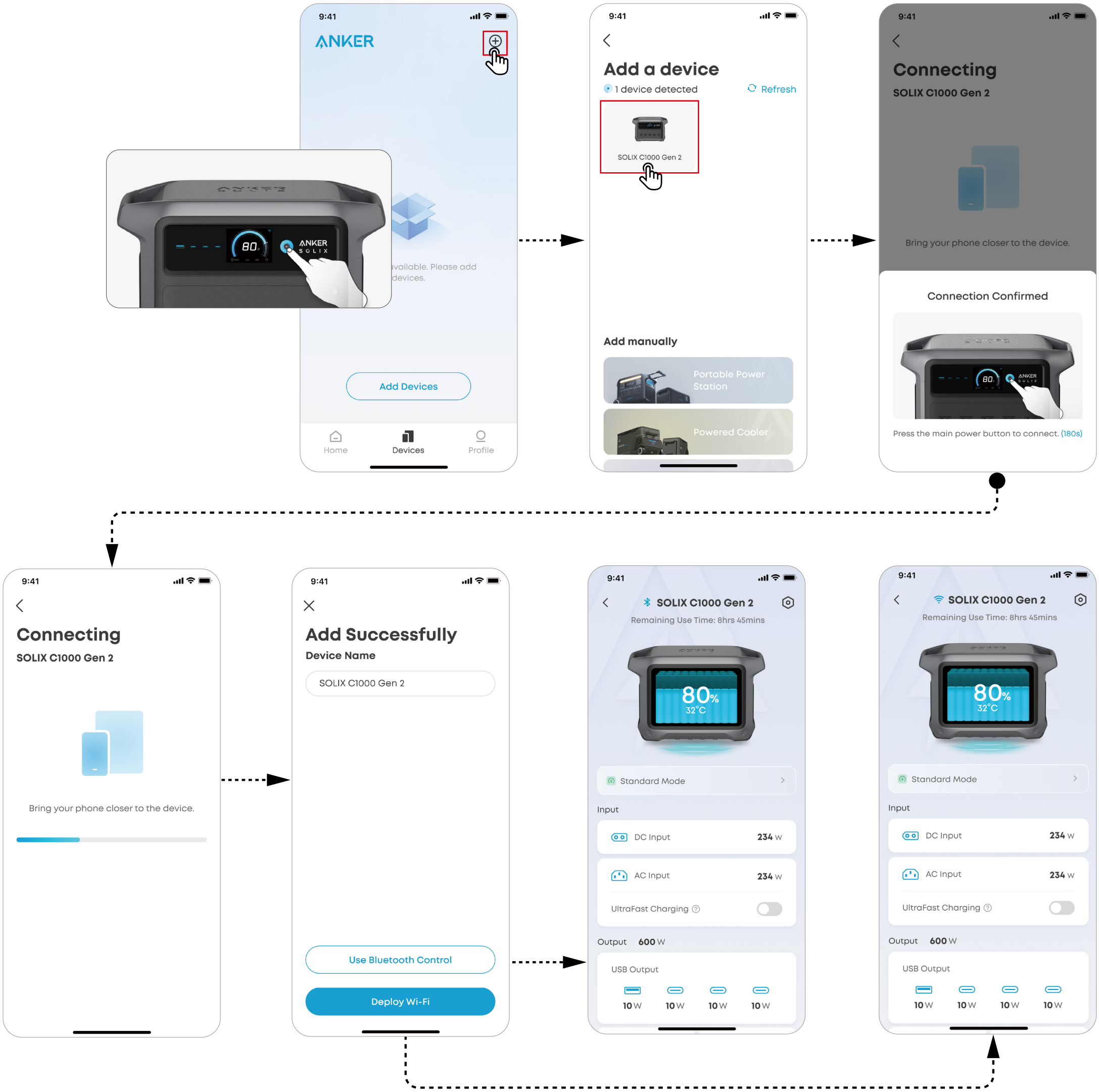
Adding C1000 Gen 2 to the App

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

2. Sign in or create an account. Please be reminded that the country or region must match where you live. An incorrect country or region may cause the device connection to fail.



3. Follow the in-app instructions to add C1000 Gen 2 and complete the setup.



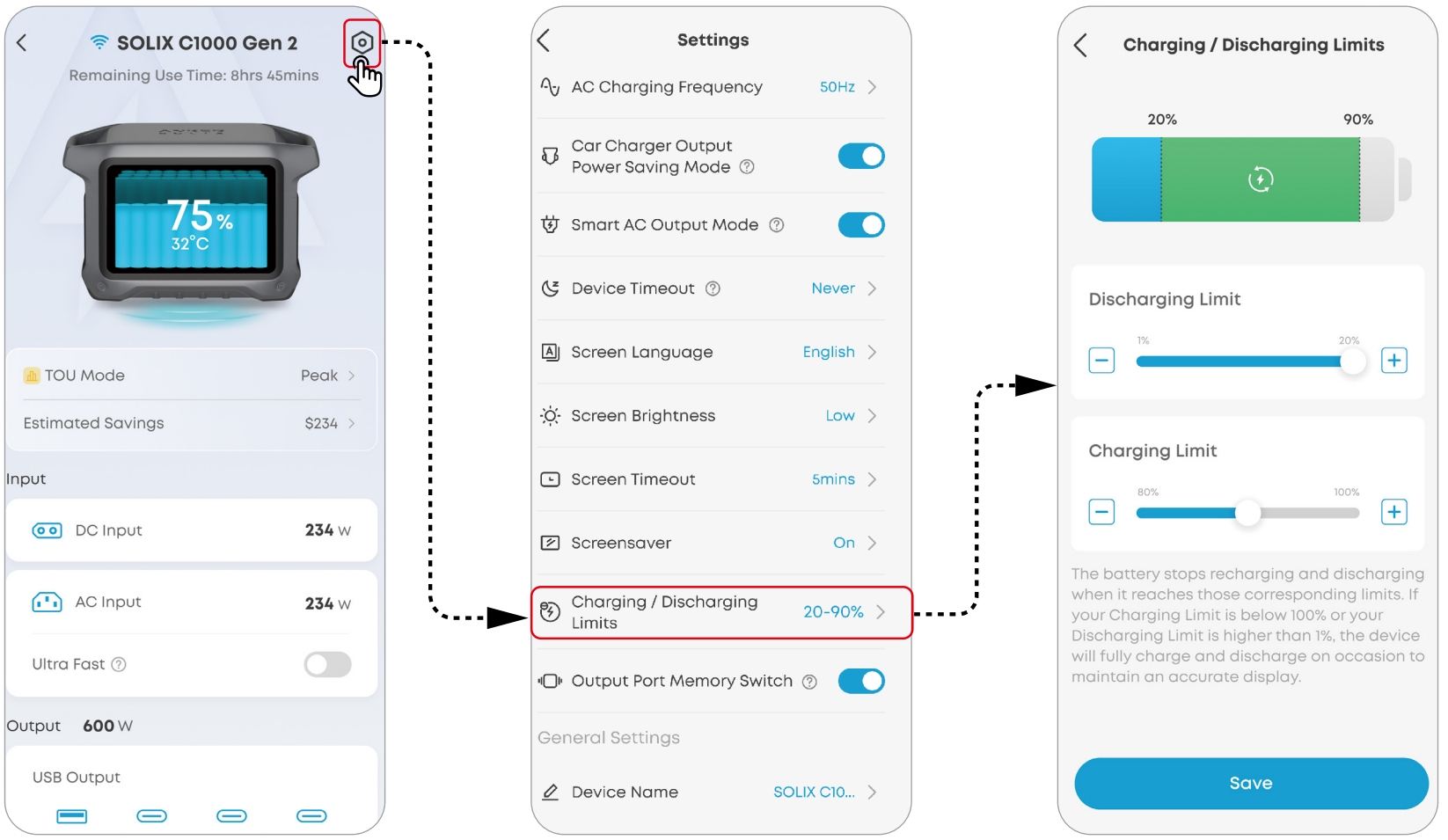
Firmware Update

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 battery level of the power station is above 5% and connected to Wi-Fi or Bluetooth.

Setting Up

Setting the Charging / Discharging Limit

The upper charging limit and lower discharging limit of the power station can be set in the app. When recharging the power station, once the selected upper charging limit is reached, the recharging will automatically stop. When charging a device by power station, it will stop once the selected lower discharging limit is reached. This feature allows the battery to improve performance.

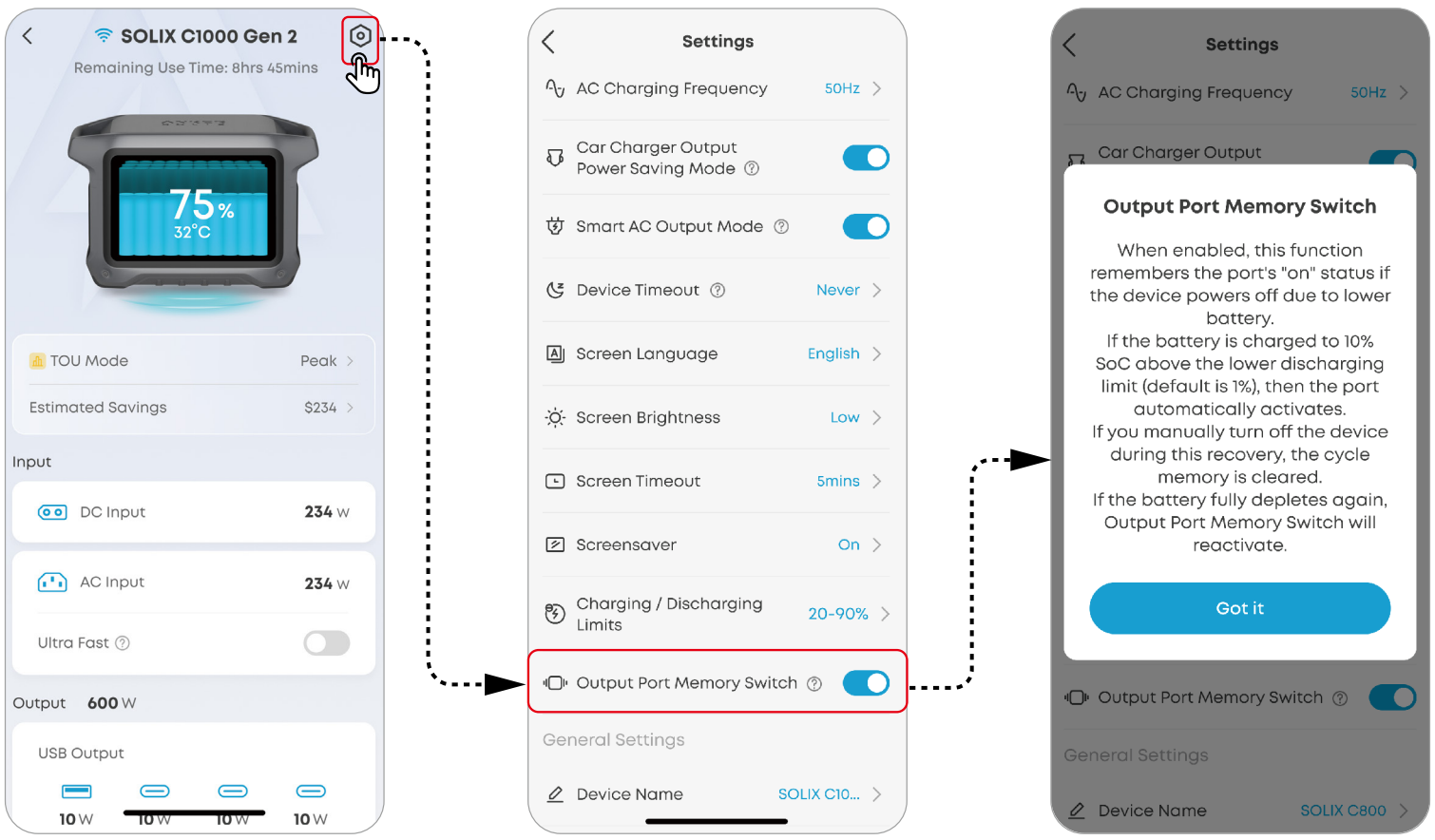


Setting the Output Port Memory

The output port memory switch can be turned on or off in the app.

On: If the power station is powered off due to the low battery level, it will automatically memorize the on/off status of AC and DC output ports before powering off. When the power station is charged to the SOC lower limit plus 10%, the on/off status of AC and DC output ports will be restored.

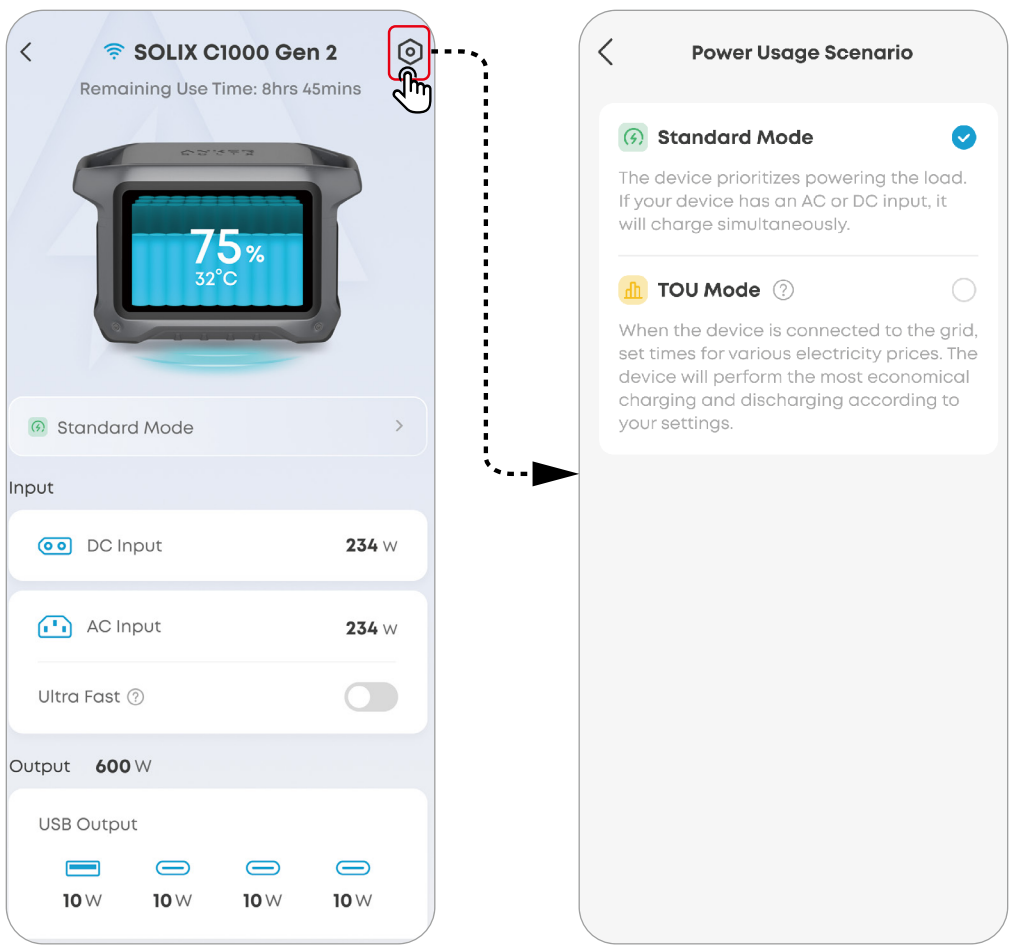
Off: The power station will not automatically memorize the on/off status of AC and DC output ports.



Setting the Power Mode

Standard Mode

If no other mode is selected, the default is standard mode.



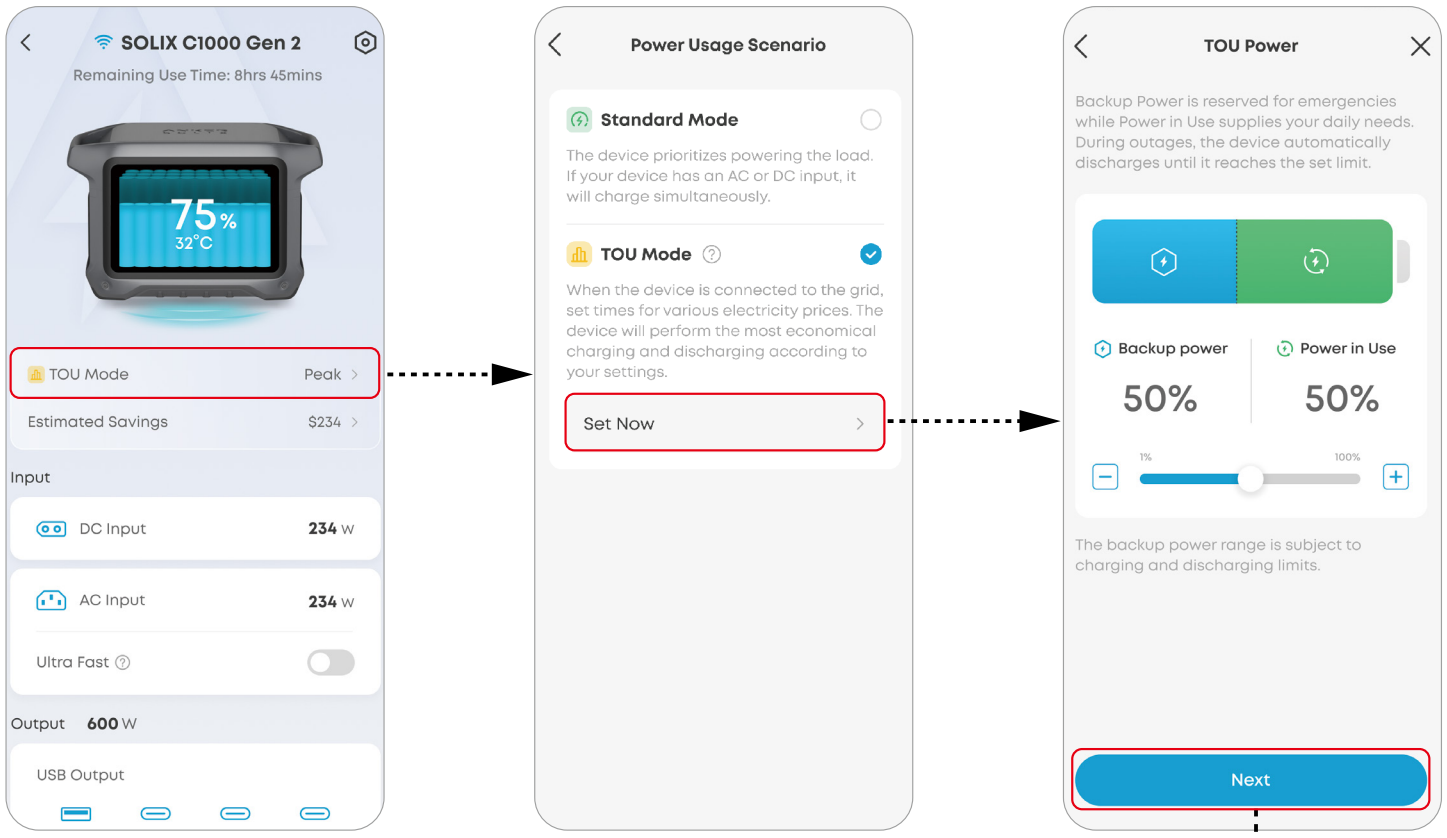
Time-of-Use (TOU) Mode

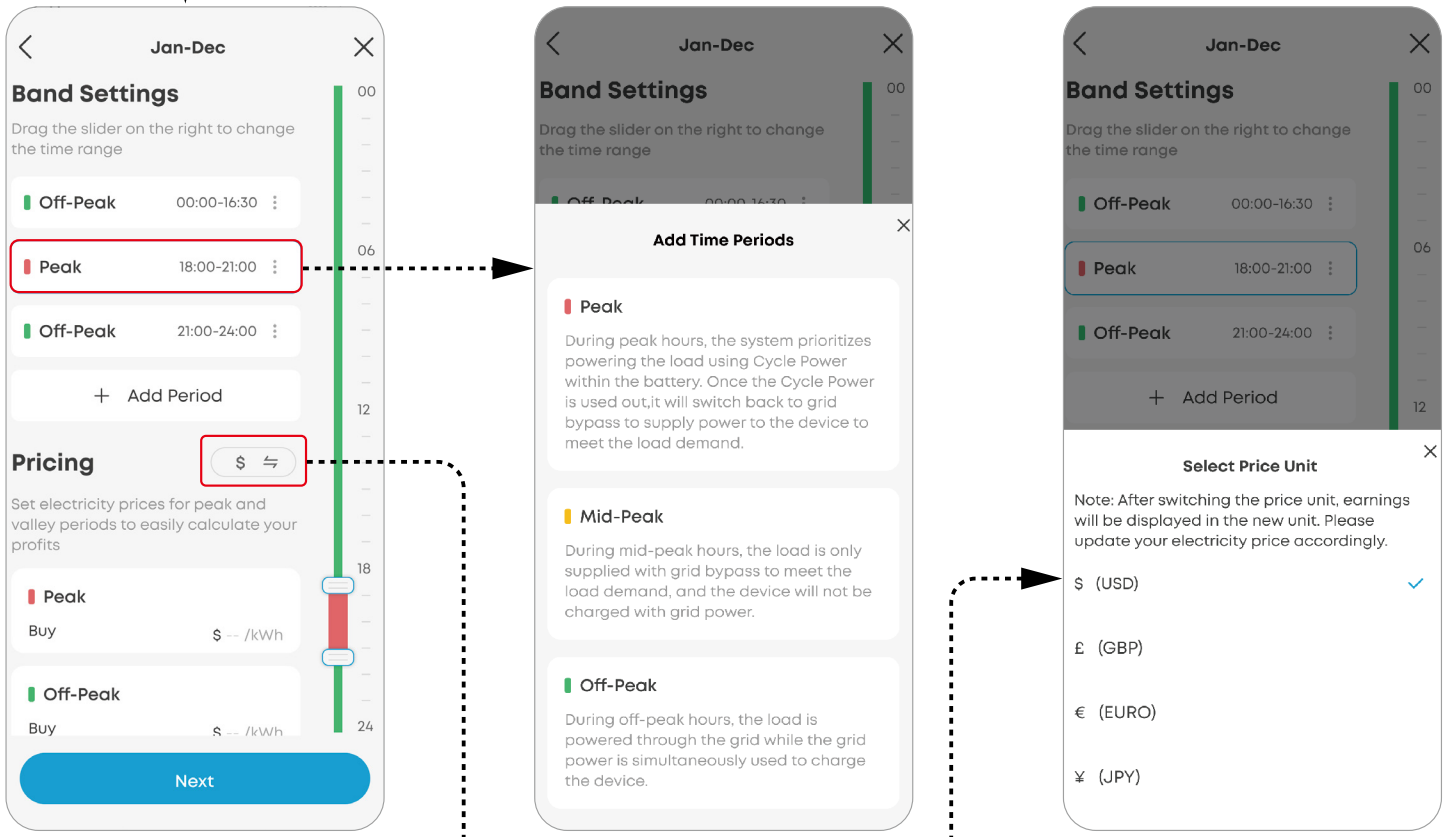
Set fixed time-of-use periods and use the dynamic schedule to automatically minimize costs. Distribute household energy use according to peaks and troughs that you set.

Manually set the charge and discharge intervals to schedule energy use throughout the day. The periods are categorized as follows:

Off-Peak: Photovoltaic power prioritizes supplying the load. Excess electricity recharges energy storage. If photovoltaic power is insufficient, energy storage supplies power to the load until the remaining power is approximately 80%.

Peak/Mid-Peak: Photovoltaic power prioritizes supplying the load. Excess photovoltaic power recharges energy storage. If photovoltaic power is insufficient for the load, energy storage will discharge and power will be purchased from the grid to meet demand.





FAQ

1. What is the maximum power output of the AC output ports?

The AC output ports can deliver a maximum of 2,000W rated power to connected devices.

2: What should I do when using a DC input to charge Anker SOLIX C1000 Gen 2 Portable Power Station?

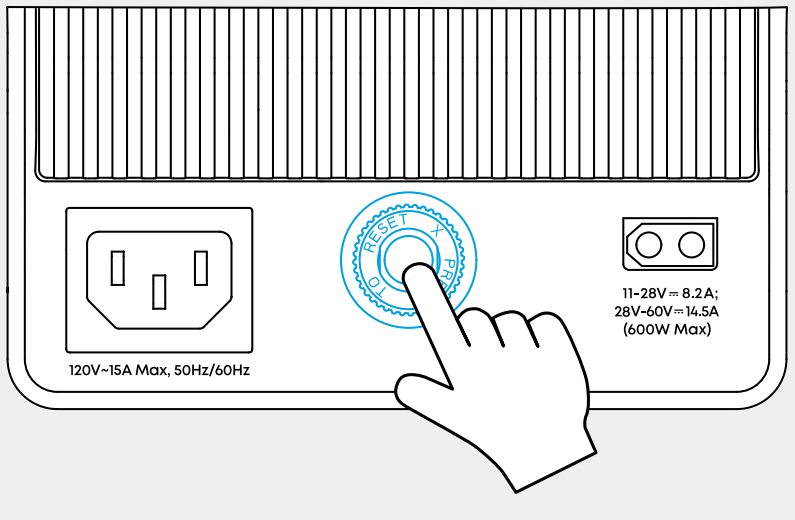
1) Use Anker original wiring to achieve better charging performance. Please note that the XT60i input port supports 11V to 60V input voltage. When the input voltage is between 11V and 28V, the maximum input current is 8.2A. When the input voltage is between 28V and 60V, the maximum input current is 14.5A, and the maximum input power is 600W.
2) When charging with multiple solar panels, ensure that each solar panel is connected in parallel, and the input voltage is less than or equal to 60V, otherwise the power supply may be damaged.

3: Can the USB-C ports charge the power station (input only), or are they output only?

The USB-C ports support output only.

4: What should I do when AC recharging fails?

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



5: Why is the power station not working after it hasn't been used for a long time?

If the power station is stored at a low capacity for a long time, lithium batteries will self-consume power which may lead to a quick discharge. This often leads to poor conductivity and a reduced battery lifespan that causes the battery not to work.

6: How should I store and maintain the power station?

To store your portable power station, please make sure that you:

1) Turn off all outputs when not in use to avoid battery power loss.

2) Store in a dry and cool area.

3) Check battery capacity each week. If the battery level is below 30%, charge to 100%.

4) If the power station will not be used for an extended period, fully charge it to 100% at least once every three months.

7: Can solar charging and AC charging be performed simultaneously?

Yes. When solar and AC charging are performed at the same time, the power station prioritizes maximizing the use of solar energy for charging, and the remaining charging capacity is supplemented by AC charging.

8: Why did USB ports shut off automatically?

To reduce power consumption and prolong the usage time, when power station detects that the USB output power is less than 1W for a long time, it will determine that your device is fully charged and turn off the USB output automatically. To restart the output, just plug and unplug the USB cable again.

9: Why can't my device work with the power station's AC output?

Some devices require a neutral-ground bond to function properly. The power station uses a floating ground design, so you'll need to purchase a ground neutral plug. Simply plug the ground neutral plug into one of the AC outlets on the power station, and your device will work as expected.

Specifications

Capacity	1,024Wh
AC Input Voltage	120V~ 12A Max, 60 Hz
AC Input Power (Charging)	1,200W Max
AC Input Power (Bypass Mode)	1,800W Max
AC Input Power (UltraFast Charging)	1,600W Max
Solar Panel Input	11-28V ⎓ 8.2A ; 28V-60V ⎓ 14.5A (600W Max)
Car Charger Output	12V ⎓ 10A
AC Output Power	120V~15A,120V~16.66A, 60 Hz, 2,000W Max, L+N+PE
USB-A Output	5V ⎓ 2.4A (12W Max)
USB-C 1 Output	5V ⎓ 3A (15W Max)
USB-A and USB-C1 Total	20W Max
USB-C 2 Output	5V ⎓ 3A / 9V ⎓ 3A / 15V ⎓ 3A / 20V ⎓ 3A / 20V ⎓ 5A / 28V ⎓ 5A (140W Max)
USB-C 3 Output	5V ⎓ 3A / 9V ⎓ 3A / 15V ⎓ 3A / 20V ⎓ 3A / 20V ⎓ 5A / 28V ⎓ 5A (140W Max)
UPS	10 ms
Discharging Temperature	-4°F to 104°F / -20°C to 40°C

Charging Temperature	32°F to 104°F / 0°C to 40°C
Size	384 × 208 × 244 mm / 15.12 × 8.19 × 9.61"
Net Weight	11.3 kg / 24.9 lb

Appendix

Error Code

Code	Problem	Solution
E0003	The voltage of the USB-A port is above 5.7V or below 3.8V.	Plug in the device connected to the USB-A port again, or short press the car socket button.
E0008	The charging current for the device connected to the 15W USB-C port exceeds 3.8A.	Plug in the device connected to the 15W USB-C port again, or short press the car socket button.
E0009	Overloads or short circuits in connected devices and cables cause the output to shut down.	Disconnect, then plug in devices connected to USB-C ports.
E0010	Overloads or short circuits in connected devices and cables cause the output to shut down.	Disconnect, then plug in devices connected to USB-C ports.
E0014	The voltage of the car socket is above 14.4V or below 10.4V.	Press the car socket button after 30 seconds.
E0027	The charging temperature of the BMS exceeds 136.4°F / 58°C.	Stop using the power station until its temperature is below 131°F / 55°C.
E0028	The charging temperature of the BMS is below 35.6°F / 2°C	Stop using the power station until its temperature is above 37.4°F / 3°C.
E0032	The discharging temperature of the BMS exceeds 145.4°F / 63°C.	Stop using the power station until its temperature is below 140°F / 60°C.
E0033	The discharging temperature of the BMS is below -2.2°F / -19°C.	Stop using the power station until its temperature is above 1.4°F / -17°C.
E0036	The output power of the AC port exceeds about 2,500W.	Ensure that the power of the device connected to the AC output port is under 2,400W and press the AC output button again.