

USER MANUAL

Jackery Solar Generator 300 Plus 40W Mini

Congratulations on your new Jackery Explorer 300 Plus. Please read this manual carefully before using the product, particularly the relevant precautions to ensure proper use. Keep this manual in an accessible place for frequent reference.

In compliance with laws and regulations, the right of final interpretation of this document and all related documents of this product resides with the Company.

Please kindly notice that no further notifications will be given in case of any update, revision or termination.

TECHNICAL SPECIFICATIONS

Product Name	Jackery Explorer 300 Plus
Model No.	JE-300B
Cell Chemistry	LiFePO4
Capacity	Lithium-ion 22.5Ah / 12.8V DC (288Wh)
Weight	Around 8.27 lbs / 3.75 kg
Dimensions	9.1 x 6.1 x 6.6 in / 23 x 15.5 x 16.7 cm
Cycle Life	3000 cycles to 80%+ capacity
Total Output	300W
AC Output	230V~ 50Hz, 1.31A, 300W Rated, 600W Surge peak
USB-A Output	15W Max 5V~3A
USB-C (OUT)	15W Max 5V~3A
USB-C (IN/OUT)	100W Max 5V~3A, 9V~3A, 12V~3A, 15V~3A, 20V~5A
USB Total Output	USB-C(IN/OUT) : 100W Max, USB-C(OUT)+USB-A : 24W Max
Car Port	12V~10A
Charge Mode AC Input	220V-240V~ 50Hz, 10A Max
Bypass Mode AC Input/Output	220V-240V~ 50Hz, 300W Max
DC Input(USB-C)	12-27V~5A Max, 100W Max
Charge Temperature	32°F~113°F (0°C~45°C)
Discharge Temperature	14°F~113°F (-10°C~45°C)

CERTIFICATIONS

UN38.3



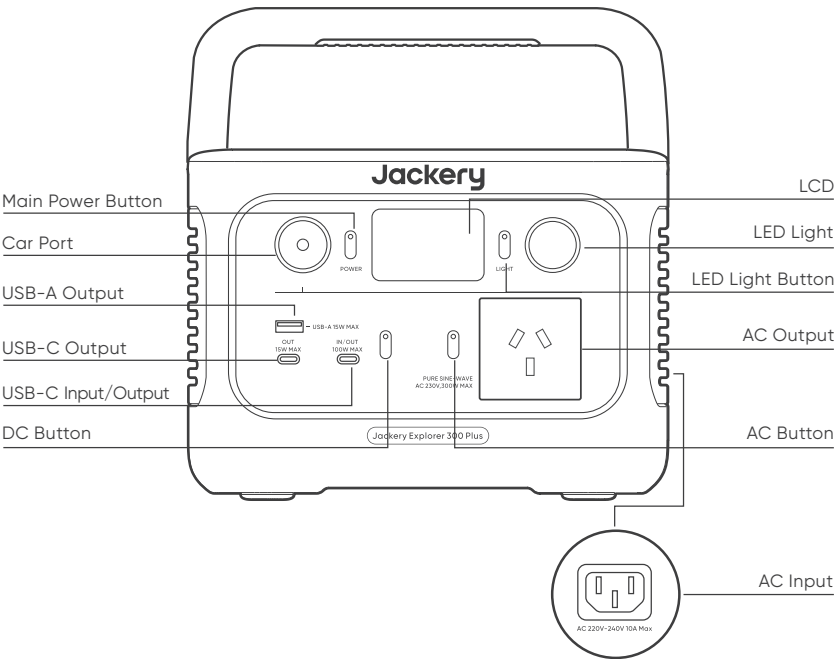
※ USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.

Product Name	Jackery SolarSaga 40 Mini
Model No.	JS-40A
Peak Power (Pm)	40W±5%
Dimensions (unfolded)	Around 1020×300×18.5mm
Dimensions (folded)	Around 252×300×30mm
Weight	Around 2.6 lbs / 1.2 kg
Open Circuit Voltage (Voc)	25V±5%
Short Circuit Current (Isc)	2.07A±5%
Power Voltage (Vm)	20.9V±5%
Power Current (Im)	1.91A±5%
Operating Temperature Range	-20~65°C (-4~149°F)
STC (1000W/m², 25°C, AM 1.5).	

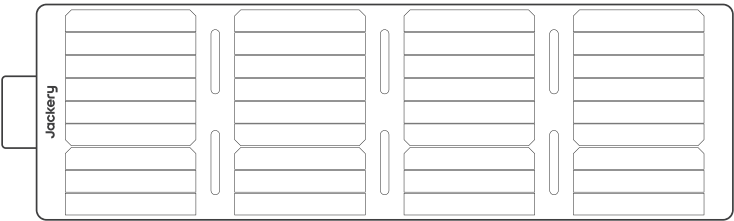
GET TO KNOW YOUR GEAR

Product Appearance

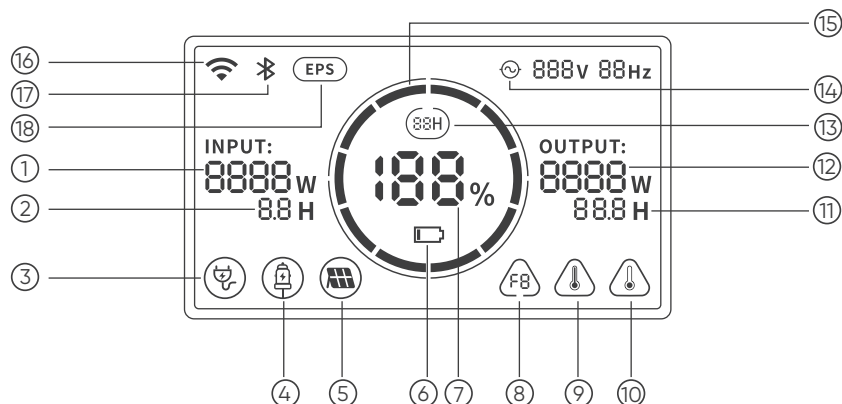
Jackery Explorer 300 Plus



Jackery SolarSaga 40 Mini



LCD DISPLAY (Jackery Explorer 300 Plus)



- | | | |
|--------------------------------|----------------------------|------------------------------|
| ① Input Power | ② Remaining Charge Time | ③ AC Wall Charging Indicator |
| ④ Car Charging Indicator | ⑤ Solar Charging Indicator | ⑥ Low Battery Indicator |
| ⑦ Remaining Battery Percentage | ⑧ Fault code | ⑨ High Temperature Warning |
| ⑩ Low Temperature Warning | ⑪ Remaining Discharge Time | ⑫ Output Power |
| ⑬ Energy Saving Mode | ⑭ AC Power Indicator | ⑮ Battery Power Indicator |
| ⑯ Wi-Fi | ⑰ Bluetooth | ⑱ EPS |

EPS: Emergency Power System.

Once you have connected the mains and the AC input port of the product via the AC charger cable, you can use the AC output port of the product to power your unit (at this point the AC power comes from the mains, not the battery of the product). In the event of a sudden loss of mains power, the product can automatically switch to battery mode within 20ms. Since this is a non-professional UPS function, it does not support 0ms switching. Do not connect to equipment with high uninterruptible power requirements such as data servers and workstations. Please test several times to confirm compatibility before use and it is recommended to connect to only one device. Do not use more than one unit at a time to avoid triggering the overload protection. Failure to follow these instructions may result in equipment failure or loss of data for which we cannot be held responsible.



Battery Power Indicator

When the product is being charged, the orange circle around the battery percentage will light up in sequence. When charging other devices, the orange circle will stay on.



Low Battery Indicator

When the battery is less than 20%, the Low Battery Indicator will stay on. When less than 5%, the Low Battery Indicator will flash. When it is being charged, the Indicator will be off.



Energy Saving Mode

To avoid forgetting to turn off the output which results in battery consumption, the product turns the Energy Saving Mode on by default. This occurs when no device is connected or the connected device is less than or equal to a certain value. (Refer to the table below for more details), the device will automatically turn off all outputs after 12 hours.

Output	Output Power	Defaults
AC Output	≤25W	All outputs turned off automatically after 12 hours
USB Output	≤2W	
Car Output	≤2W	

To turn off the Energy Saving Mode

Long press the AC Button and Main Power Button until the Energy Saving Mode icon disappears. In Non-Energy Saving Mode, please remember to turn off the products to avoid battery consumption.

To turn on the Energy Saving Mode

Long press the AC Button and Main Power Button until the Low Power Mode icon lights up on the screen.



Fault code

In order to respond to the feedback quickly, we set up common fault codes F0-FE in the system: If the F8 code appears, please remove the load or unplug the charging plug, the product can restore by itself, if not, please contact after-sales service; If the F9 code appears, please remove the load and the product can recover by itself, if not, please contact after-sales service. In case of any other code appears, please contact our after-sales service.



High-temperature warning

If it appears on the screen, do not worry, the battery will restore automatically after cooling.



Low-temperature Warning

If it is displayed on the screen, do not worry. It will automatically restore after the ambient temperature is restored.

BASIC OPERATIONS

Output On/Off

Main power on/off: Press the "Main Power Button" and the working indicator lights up and the LCD display is illuminated. When this product does not have any operation for 2 minutes, the product will enter the hibernation state and the display will turn off automatically. If you need to turn off the main power, please press and hold the "Main Power Button" until the working indicator turns off. The default standby time of this product is 2 hours. If the other power output switch is not turned on, or the product does not have any charging input, the product will automatically shut down after 2 hours. The automatic shutdown time can be set on the Jackery App.

AC Output On/Off: Ensure that the main power supply is turned on. Press the AC Button, the AC Output operation indicator lights up. Then you can connect the equipment that needs AC charging. Press the AC Button again to turn off the AC Output.

USB/Car Port Output On/Off: Ensure that the main power supply is turned on. Press the DC Button, the DC Output operation indicator lights up. Then USB/Car Port Output Ports can be connected to external load devices. Press the DC Button again to turn off the USB/ Car Port Output.

LCD Screen On/Off

To turn on, press the Main Power Button or when there's a charging input, the screen display will light up automatically. To turn off, press the Main Power Button again and the screen display will turn off. Or, if there is no operation in 2 minutes, the product will enter a sleep state and the screen display will automatically turn off.

To get the screen always-on (under charging or discharging state), follow these steps: After the display screen lights up, double-click the Main Power Button and the mode of Always-On Display will be on.

To turn off Always-On Display, follow these steps: Press the Main Power Button and the screen will be turned off in 2 minutes.

Tip: During Always-On mode, the screen automatically turns off after 2 hours without charging or discharging.

LED Light On/Off

There are two modes of LED Light: Light mode, and SOS mode.

The operations are as follows: Press the LED Light Button, the LED will be turned on. The light will always turn on in Low Light mode and the output power on the screen is 1W. Press again to enter the SOS mode and the output power on the screen is 1W. Then, press again to turn off the LED Light. In any of these modes, the light can be turned off by a long press.

APP CONNECTION

This product supports the connection of Jackery App for intelligent control and operation. Users can download the Jackery App through App Store or Google Play. Please refer to the User Manual for Jackery App for detailed connection instructions.

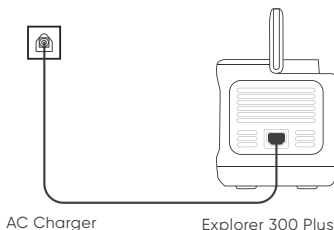
CHARGING YOUR JACKERY EXPLORER 300 PLUS

Green energy first: We advocate to use the green energy first. This product supports two modes of charging at the same time: solar charging and AC wall charging.

When AC wall charging and solar charging are turned on at the same time, the product will give priority to solar charging and both methods will be used to charge the battery at the maximum permissible power.

Charging from the wall

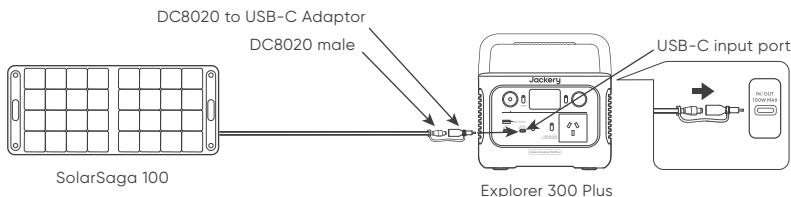
Please use the AC cable included in the package.



Solar charging

Jackery SolarSaga 100 or 60 Solar Panel Connection Guide

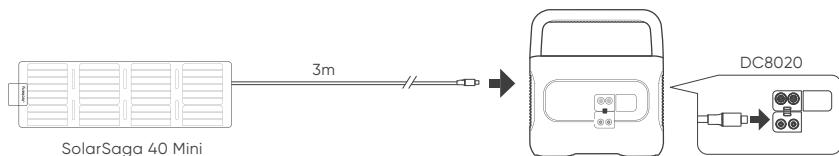
The Solar Generator 300 Plus is different from other Jackery Solar Generators. For the first time, it adopts USB-C input as the solar charging input. You can refer to the following connection scheme to charge your Explorer 300 Plus.



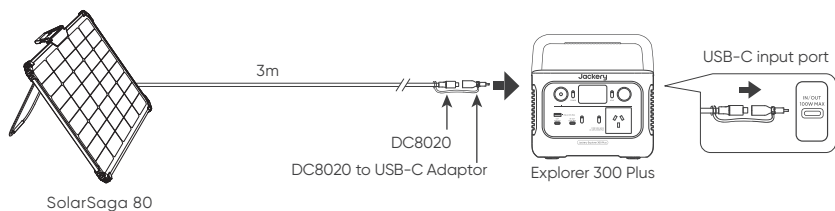
Jackery New SolarSaga 40 Mini or 80 Solar Panel Connection Guide

The new SolarSaga 40 Mini is compatible with different models of Jackery power stations:

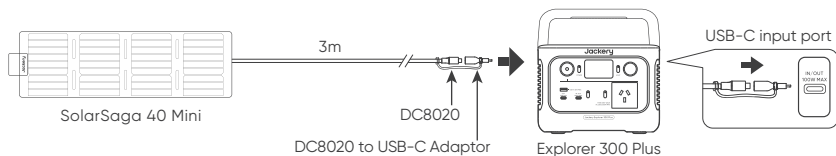
* DC8020 port is suitable for Jackery Pro series and Plus series (excluding Explorer 300 Plus).



* Users who have already purchased the 80W solar panel, the following scheme shows how to connect it to the Explorer 300 Plus.



* For the 40W solar panel included in the package, please also refer to the following connection method to charge the Explorer 300 Plus

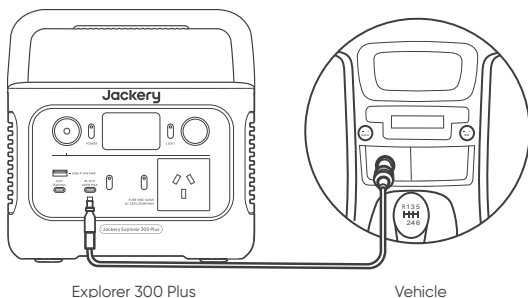


Charging in the Car

This product can only be charged with a 12V car charger. Ensure that the car charger and the car cigarette lighter provide a good connection.

*Please start the vehicle before charging your power station.

*If the vehicle is running on bumpy roads, it is forbidden to use the car charger in case it burns due to a poor connection. The Company will not be responsible for any loss caused by non-standard operation.



Safety Precautions When Charging

1) Vehicle charging is only applicable in 12V vehicles, not in 24V ones. Please do not charge this product in 24V vehicle to avoid personal injury and property loss.

2) It is recommended to use Jackery accessories – solar panels for solar charging. We will not be responsible for the losses caused by using other brands' solar panels.

SAFETY PRECAUTIONS WHEN USING

Explorer 300 Plus

The basic safety precautions should be followed when using this product, including:

- a. Please read all instructions before using this product.
- b. Close supervision is required when using this product near children to reduce the risk.
- c. Risk of electric shock may occur if using accessories recommended or sold by non-professional product manufacturers.
- d. When the product is not in use, please unplug the power plug from the product's socket.
- e. Do not dismantle the product, which may lead to unpredictable risks such as fire, explosion or electric shock.
- f. Do not use the product through damaged cords or plugs, or damaged output cables, which may cause electric shock.
- g. Charge the product in a well ventilated area and do not restrict ventilation in any way.
- h. Please put the product in a ventilated and dry place to avoid rain and water to cause electric shock.
- i. Do not expose the product to fire or high temperature (under direct sunlight or in vehicle under high heat), which may cause accidents such as fire and explosion.

Solar Panel Safety Tips

- * Do not flex or bend the folding solar panels.
- * Do not place folding solar panels in shading places, while tree shades, buildings, and any other obstructions should be minimized.
- * Do not soak the solar panels in water or other liquid.
- * Do not clean the solar panel with water, please gently wipe it with a damp cloth.
- * Do not use or store solar panels near open flames or flammable materials.
- * Do not scratch the surface of solar panels with sharp objects.
- * Prevent corrosive substances to damage solar panels.
- * Do not step on or place heavy objects on the solar panels.
- * Do not disassemble the solar panels.
- * The output circuit of the solar panels must be correctly connected to the equipment. Please do not short-circuit the positive and negative poles. Ensure that there is no gap between the connector and the insulated connector. If there is a gap, sparks or electrical shocks will occur.
- * Check the connection status of each component, including cables, wires and plugs.

FREQUENTLY ASKED QUESTIONS (SOLAR PANEL)

Q: What kind of battery can be charged by these solar modules?

1. Jackery Explorer series
2. Sealed lead-acid battery
3. Colloidal lead-acid batteries
4. The open lead-acid batteries

Q: How to clean the solar surface?

Dust and dirt on the surface should first be removed using a soft brush. Use a damp cloth to wipe the surface of the solar module to remove any remaining dust or dirt. Any guano or other adhesive should be removed as soon as possible from the solar surface to avoid a reduction in performance.

Q: Is this product waterproof?

The waterproof level of this product is IP68. This product can prevent daily water splashing. Please keep the product dry on a daily basis to ensure its service life.

PACKAGE LIST

①



Jackery Explorer 300 Plus

②



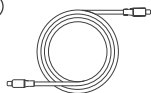
Jackery SolarSaga 40 Mini

③



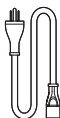
User Manual

④



3m Charging Cable

⑤



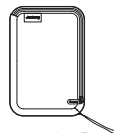
AC Charging Cable

⑥



DC8020 to USB-C
Adaptor

⑦



Accessories Bag

WARRANTY

We only provide our warranty to customers who purchase from the official Jackery website, Jackery-branded third-party platforms, or local authorized dealers.

*Warranty period and details may vary according to local laws, regulations, and authorized dealers.

Limited Warranty

Jackery warrants to the original consumer purchaser that the Jackery product will be free from defects in workmanship and material under normal consumer use during the applicable warranty period identified in the 'Warranty Period' section below, subject to the exclusions set forth below.

This warranty statement sets forth Jackery's total and exclusive warranty obligation. We will not assume, nor authorize any person to assume for us, any other liability in connection with the sale of our products.

Warranty Period

3 Years Standard Warranty: The standard warranty period for Jackery Explorer 300 Plus is 36 months. The standard warranty period for Jackery SolarSaga 40 Mini is 36 months. In each case, the warranty period is measured starting on the date of purchase by the original consumer purchaser. The sales receipt from the first consumer purchase, or other reasonable documentary proof, is required in order to establish the start date of the warranty period.

2 Years Extended Warranty: To activate the Warranty Extension, you must register your product online or contact our customer service team at hello.aus@jackery.com to extend the standard warranty runtime.

Exchange

Jackery will replace (at Jackery's expense) any Jackery product that fails to operate during the applicable warranty period due to defect in workmanship or material. A replacement product assumes the remaining warranty of the original product.

Limited to Original Consumer Buyer

The warranty on Jackery's product is limited to the original consumer purchaser and is not transferable to any subsequent owner.

Exclusions

Jackery's warranty does not apply to:

Misused, abused, modified, damaged by accident, or used for anything other than normal consumer use as authorized in Jackery's current product literature.

Attempted repair by anyone other than an authorized facility.

Any product purchased through an online auction house.

Jackery's warranty does not apply to the battery cell unless the battery cell is fully charged by you within seven days after you purchase the product and at least once every 6 months thereafter.

USER MANUAL FOR JACKERY APP

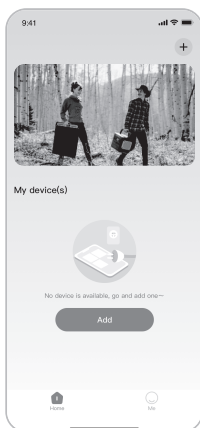
1. To download the App and log in

Search for "Jackery" in Google Play or App Store to install the App. After that, you can register and log in.

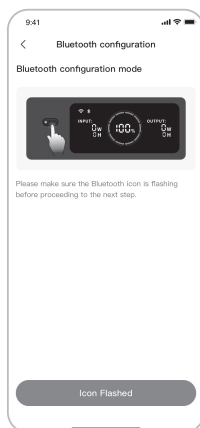
2. To add device

2.1 Click the button  to add your device.

2.2 Long press the "POWER" button on the device to turn on, the Wi-Fi and Bluetooth icons on the device flash to indicate that the device has entered the network configuring mode, click the "Icon Flashed" button and allow the App to connect to nearby devices and open Bluetooth permissions.

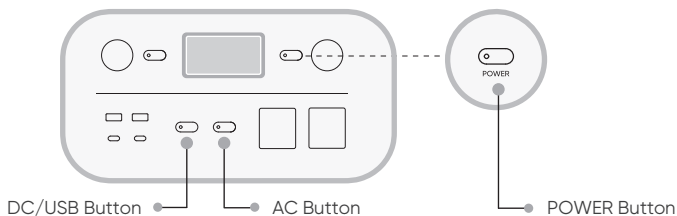


2.1



2.2

Remarks: After being turned on, if the APP is not connected within 5 minutes, the device will automatically turn off Wi-Fi and Bluetooth. Now, it is required to press and hold "DC/USB Button" and "AC Button" to turn on Wi-Fi and Bluetooth again.



2.3 After clicking the searched device icon, the App automatically connects the device via Bluetooth.

Remarks: If "the device has been bound" is prompted during the binding process, the following two ways can be used for connection:

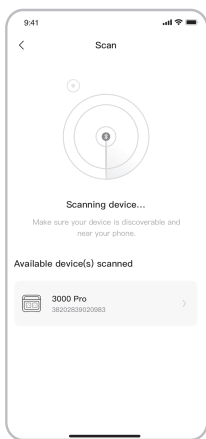
- The device owner will share this device with other users through the App. For details, please refer to equipment sharing.

- Press and hold the "POWER Button" and "DC/USB Button" for 3 seconds to reset the device, and then re-bind the device.

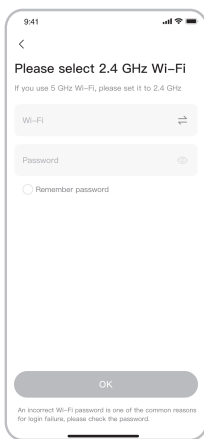
2.4 After the device is successfully connected, it is necessary to enter your Wi-Fi password and tap the OK button.

Remarks: Please select a Wi-Fi network in 2.4GHz band. The device does not support a Wi-Fi network in 5GHz band.

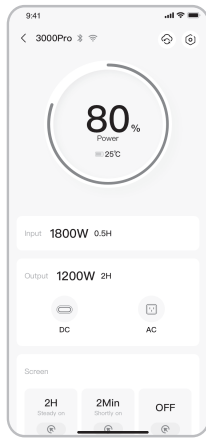
2.5 After the device is successfully added on the home page of the device, the Wi-Fi icon on the device will be always on.



2.3



2.4



2.5

The above screenshots are for reference only.

3. To unbind the device

Click the Settings button in the upper right corner of the main interface of the device to enter the settings page, and click the Unbind button at the bottom of the page to unbind the device.

4. Notes

4.1 To turn on Wi-Fi & Bluetooth:

- Wi-Fi & Bluetooth are automatically turned on after the device is on, and the Wi-Fi & Bluetooth icons on the screen light up.
- Press the DC/USB button and the AC button at the same time until the Wi-Fi & Bluetooth icons on the screen light up.

4.2 To turn off Wi-Fi & Bluetooth:

- Press the DC/USB button and AC button at the same time until the Wi-Fi & Bluetooth icons on the screen are off.
- Wi-Fi & Bluetooth will be automatically turned off if no device is connected within 5 minutes.

4.3 To reset Wi-Fi & Bluetooth:

- Press the POWER button and DC/USB button at the same time for 3 seconds to reset Wi-Fi & Bluetooth to factory settings and reboot the system. The connected App account will be unbound.

Download the Jackery Mobile App



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