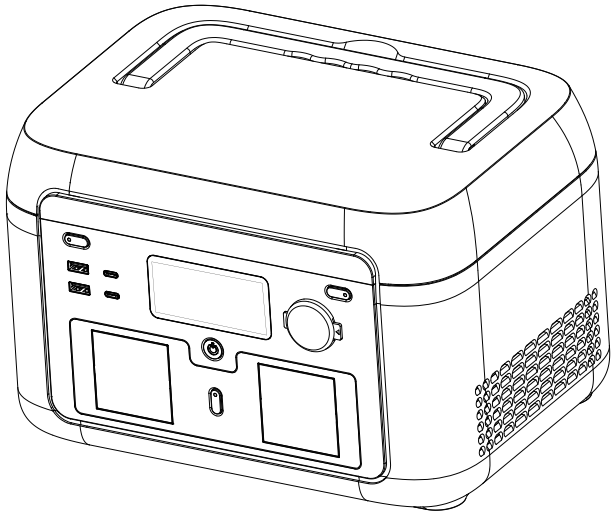
Meaningful Innovation.

INSTRUCTION MANUAL

PORTABLE POWER STATION



3000 LIFE CYCLE

02 YEAR WARRANTY*

MODEL	VT-10003
SKU	12706

Smart Life App

INTRODUCTION

Thank you for selecting and buying V-TAC Product. V-TAC will serve you the best. Please read these instructions carefully & keep this user manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best.

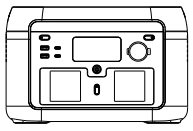
Caution, risk of electric shock.

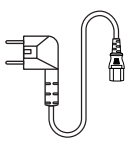
This marking indicates that this product should not be disposed of with other household wastes.

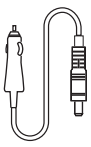
MULTI-LANGUAGE MANUAL QR CODE

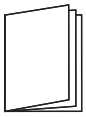
Please scan the QR code to access the manual in multiple languages.

PACKAGE CONTAINS


Power station


AC cable


Car charge cable


User manual

FR

Les piles et batteries se recyclent

À DÉPOSER EN MAGASIN

OU

À DÉPOSER EN DÉCHÈTERIE

Points de collecte sur www.quefairedemesdechets.fr

IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: SUPPORT@V-TAC.EU
FOR MORE PRODUCTS RANGE, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS.
V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

TECHNICAL DATA

General (Inverter output mode)

pure sine-wave, total 1000W (peak 1600W), 220-240V~, 50/60Hz

NET WEIGHT	≈8.5kg (≈18.7lbs / ≈18lbs)
DIMENSION	301×227×193mm (11.8×8.9×7.6in)
BATTERY CAPACITY	614.4Wh, 51.2V⎓, 12Ah
WI-FI	supported

Output [UK/EU/FR/AU/ZA]

- AC socket x2 (Inverter mode): pure sine-wave, total 1000W (peak 1600W), 220-240V~, 50/60Hz, 5A
- AC socket x2 (Bypass mode): 220-240V~, 50/60Hz, 1000W Max., 5A

[US]

- AC socket x2 (Inverter mode): pure sine-wave, total 1000W (peak 1600W), 100-120V~, 60Hz, 10A
- AC socket (Bypass mode): 100-120V~, 60Hz, 1000W Max., 10A

• **USB-A1+A2**	5V⎓ 2.4A, 12W Max.
• USB-C1/C2	5/9/12/15V⎓ 3A, 20V⎓ 5A, 100W Max.
• Car charger	12.6V⎓ 10A, 126W Max.

Notes

- Inverter mode: the output AC power comes from the battery, not the grid.
- Bypass mode: the output AC power comes from the grid, not the battery.

Input [UK/EU/FR/AU/ZA]

• **AC INPUT POWER**	1500W Max., 7.5A
• **AC INPUT VOLTAGE**	220-240V~, 50/60Hz

[US]

• **AC INPUT POWER**	1500W Max., 15A
• **AC INPUT VOLTAGE**	100-120V~, 60Hz
• **PV CHARGE**	13-45V⎓ 12A, 400W Max.
• **CAR CHARGING INPUT**	12V/24V battery supported, 5A by default
• **ADAPTER INPUT**	21V⎓ 5A, 105W Max.

Input charging [UK/EU/FR/AU/ZA]

• **AC CHARGING POWER**	700W Max.
• **PV/CAR CHARGING POWER**	400W Max.
• **AC+PV CHARGING POWER**	700W Max.

Battery

• **CELL TYPE**	Lithium iron phosphate battery (LiFePO4)
• **LIFE CYCLE**	3000 cycles
• **PROTECTION TYPE**	Over temperature protection, low temperature protection, over discharge protection, short circuit protection, over charge protection, over load protection, over current protection

*Test conditions : 95% DOD, 0.5C charge & 1.0C discharge at +25±3°C.

Operating temperature

• **OPTIMAL OPERATING TEMPERATURE**	20°C—30°C (68°F—86°F)
• **DISCHARGE TEMPERATURE RANGE**	-20°C—45°C (-4°F—113°F)
• **CHARGE TEMPERATURE RANGE**	0°C—45°C (32°F—113°F)
• **STORAGE AMBIENT TEMPERATURE**	-20°C—45°C (20°C—30°C preferred) [-4°F—113°F (68°F—86°F preferred)]

*Whether the product can be charged or discharged is subject to the actual battery pack temperature.

Battery expansion

• **POWER INPUT/OUTPUT**	40—57.6V⎓ 12A charge (Max.), 24A discharge (Max.)
• **NOMINAL ENERGY**	614Wh, supports 6 expansion battery packs at most (separately sold).

SAFETY GUIDELINES

Warnings

When using this product, always follow basic precautions, including the following

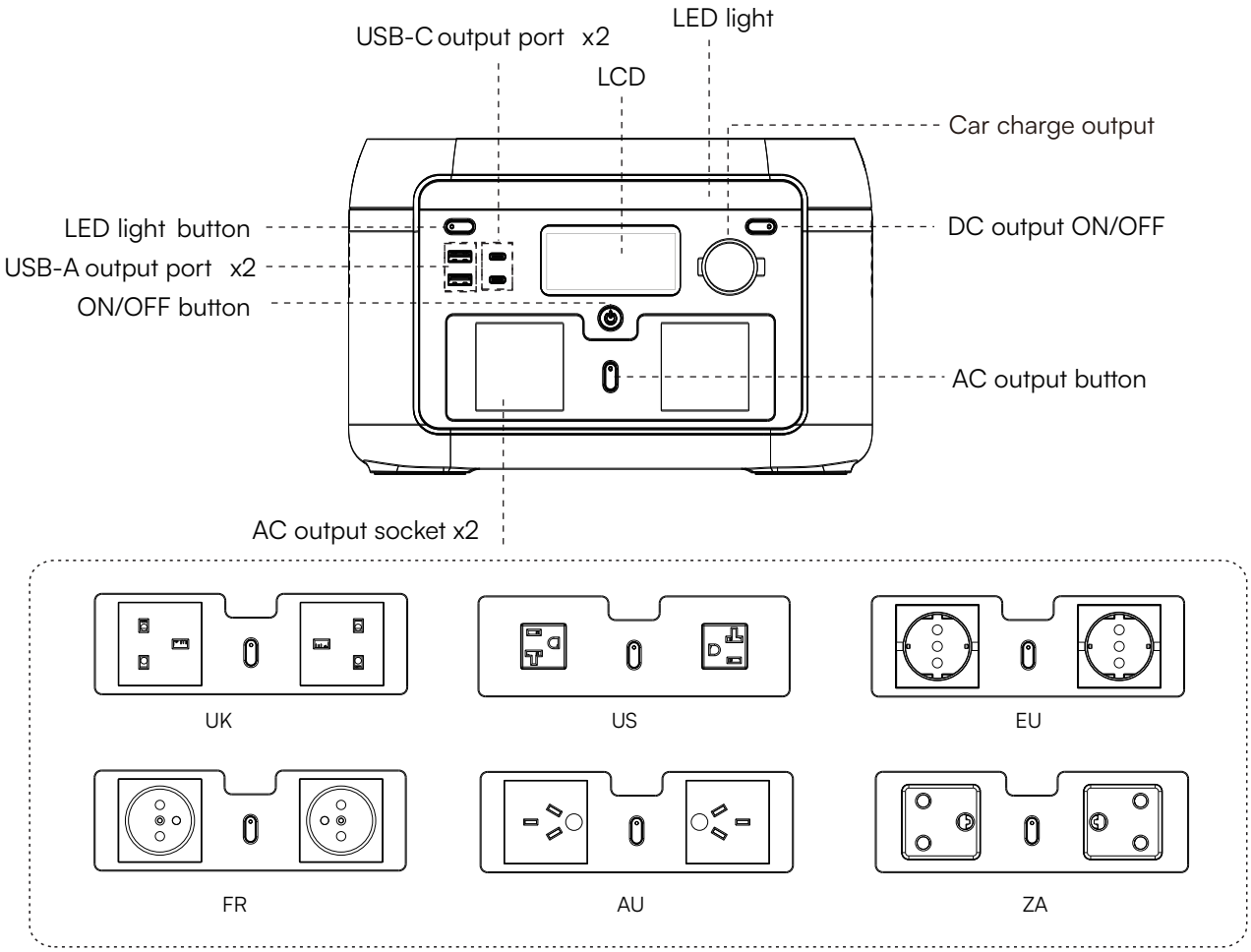
1. Do not place the operating power station near heat sources such as fire or heaters.
2. Do not allow the power station to come into contact with any liquid.
3. Do not use the power station in a strong electrostatic or strong magnetic field environment.
4. Do not disassemble the power station in any way or pierce it with sharp objects.
5. Do not short-circuit the power station with wires or other metal objects.
6. It is forbidden to step on, sit on, or climb the power station.
7. Using attachments not recommended or sold by the power pack manufacturer may result in a risk of fire, electric shock, or injury to persons.
8. When using the power station, please follow the operating temperature defined in this user manual strictly. If the temperature is too high, the battery may catch fire or even explode. If the temperature is too low, the power station performance will be seriously impaired.
9. Do not stack heavy objects on the power station or expose it to an unventilated or dusty environment while it is working.
10. Please avoid subjecting the fan to collision, dropping, or violent vibration. If severe impact occurs, shut down the power supply immediately.
11. If the power station falls into water accidentally during transportation, place it in a safe and wide area, and keep yourself away from it until it is dry. The dried product shall not be used again. Dispose of it properly according to chapter 2.2 in this user manual. If the power station is on fire, please use fire extinguishing equipment in the recommended order: water or water mist, sand, fire blanket, dry powder, or carbon dioxide extinguisher.
12. If there is dirt, use a dry cloth to wipe it carefully to prevent damage. If the power station is tipped over and seriously damaged, turn off the power station immediately, place the battery in a spacious area away from flammable materials and people, and dispose of it in accordance with local laws and regulations.
13. To reduce the risk of injury, close supervision is necessary when the product is used near children.
14. Keep the power station in a dry, spacious, and ventilated place. It is recommended to equip it with a moisture-proof bag. If water is found in a humid environment (seaside, water, etc.), do not use/start it again. Please take countermeasures to prevent electric shock before touching the power station.
15. It is not recommended to use the power station to supply power to safety-related emergency medical equipment, including but not limited to medical-grade breathing machines (hospital version CPAP), artificial lung (ECMO), Continuous Positive Airway Pressure (CPAP) at home, or any medical equipment that requires continuous professional monitoring. Please follow your doctor's advice and consult the manufacturer for any restrictions. Do not allow the device to run out of power. For general medical equipment, please pay attention to power conditions to ensure continuous power supply.
16. Power supplies will inevitably generate electromagnetic fields when in use, which may affect implantable medical devices or normal operation of personal medical devices, such as pacemakers, cochlear implants, hearing aids, defibrillators, etc. If any of these medical devices are used, please consult the manufacturer about restrictions on use to ensure the power station is operated at a safe distance from implanted medical devices such as pacemakers, cochlear implants, hearing aids, defibrillators, etc.
17. When the power station is connected to a refrigerator, it may automatically shut down because of the power fluctuation property of the refrigerator. It is recommended to set the AC output to "Never off" in the APP to ensure continuous power for medicines, vaccines, or other valuable items. Users should pay attention to power consumption.

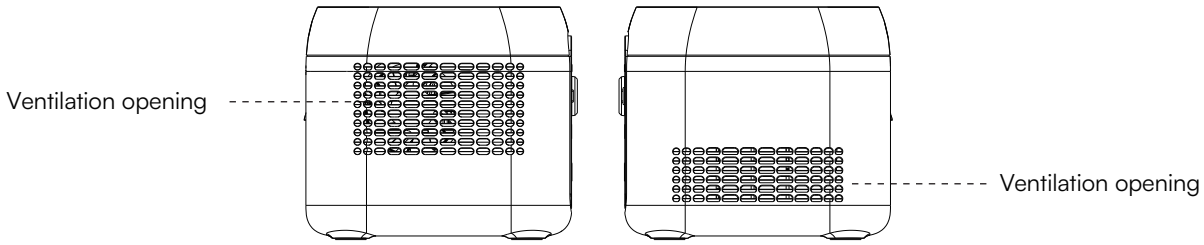
18. During push-pull movement of this product, it is forbidden to place other items on it.
19. Warning: Operation of this equipment in a residential environment could cause radio interference.
20. Do not put fingers or hands into the product.
21. To reduce the risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the power pack.
22. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
23. Do not operate the power pack with a damaged cord or plug, or a damaged output cable.
24. Do not disassemble the power pack; take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.

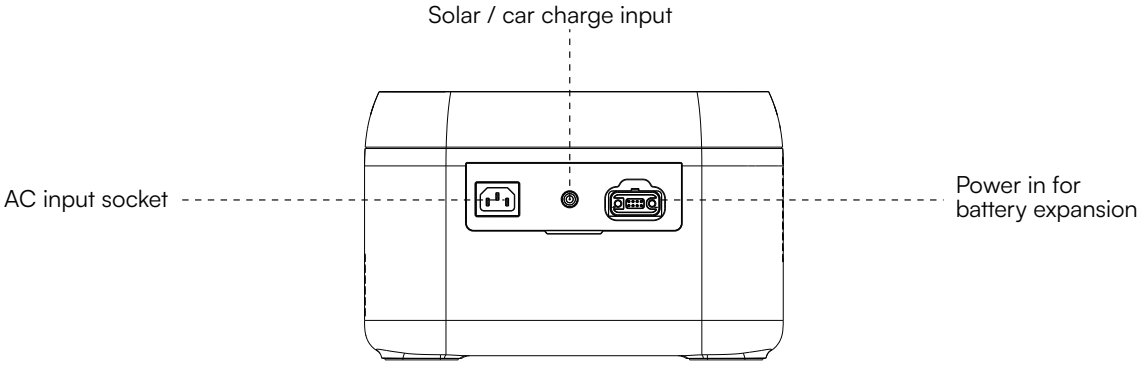
Discard

1. Under conditions permitting, be sure to discharge the battery completely, and then place the power station in the specified battery recycling bin. Power stations contain batteries, which are dangerous. It is strictly prohibited to discard them in ordinary dust bins. For details, follow local laws and regulations on battery recycling and disposal.
2. If the battery cannot be discharged completely due to product failure, do not discard the battery directly. Contact a professional battery recycling company for further disposal.
3. The battery will not start after over-discharge. Please dispose of it as discarded.

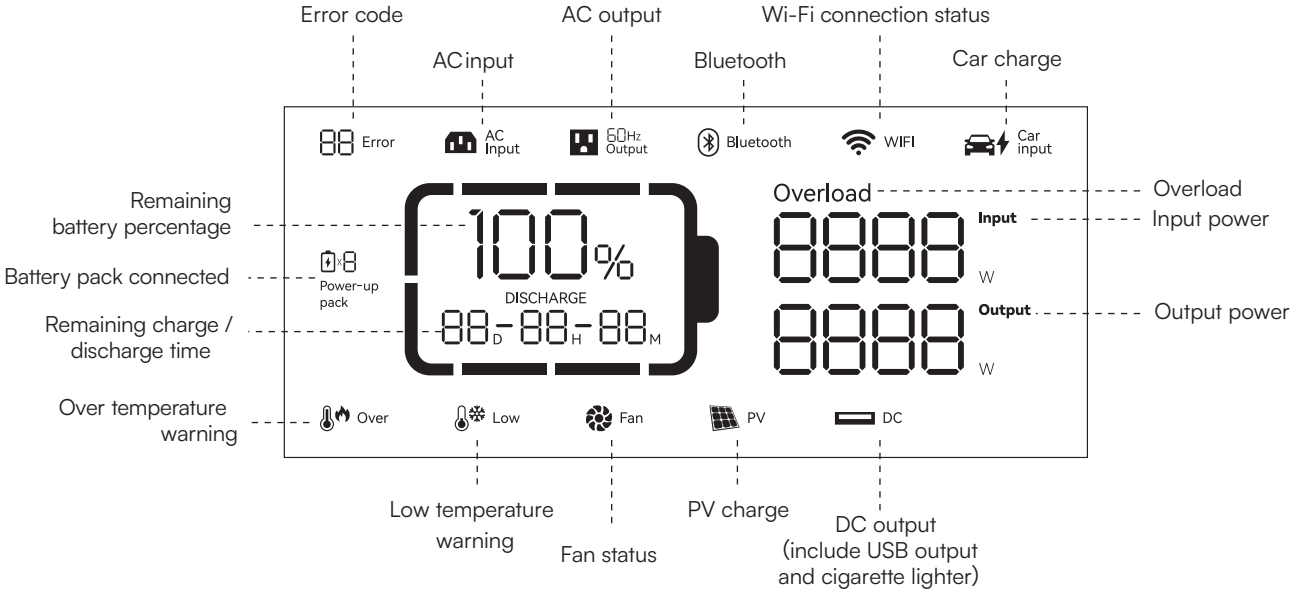
PRODUCT OVERVIEW







LCD SCREEN



Battery Capacity Indicator

When the power station is being charged, the SOC (State of Charge) icon will flicker.

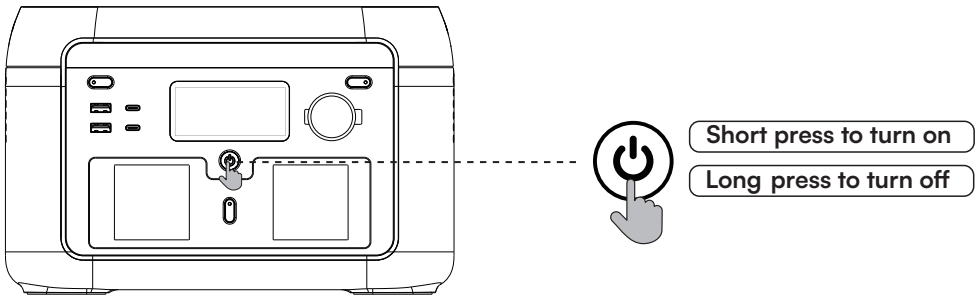
Wi-Fi Connection Status

When Wi-Fi is reset, the Wi-Fi icon will flash for 3 seconds.
The Wi-Fi icon will light up when Wi-Fi is connected successfully.
The Wi-Fi icon will go out when Wi-Fi is disconnected.

Bluetooth Connection Status

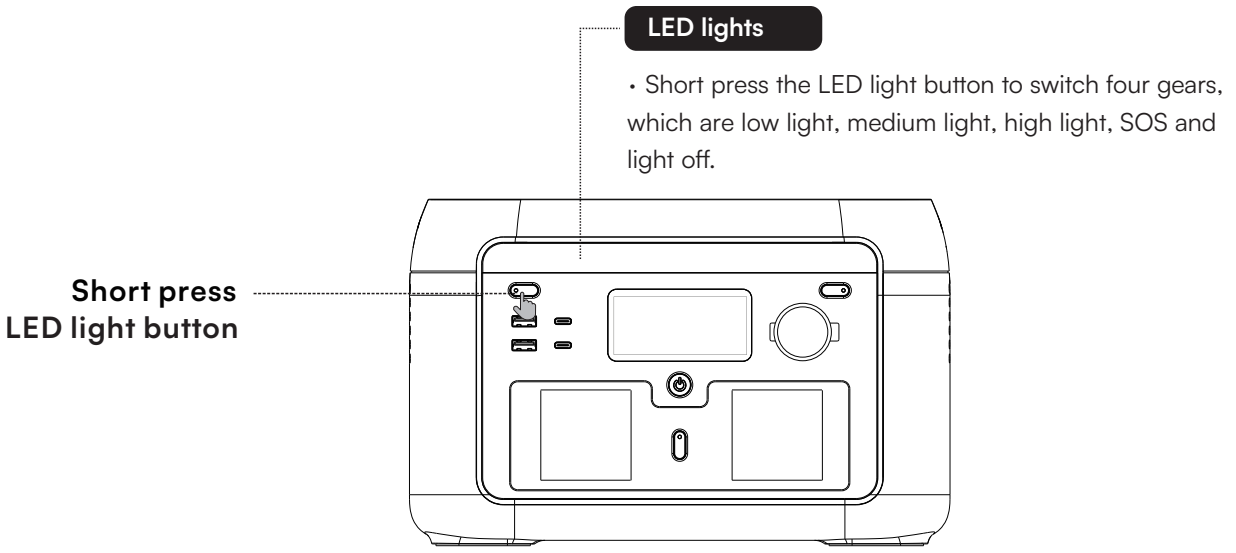
The Bluetooth icon lights up when this product is paired wirelessly.
The Bluetooth icon lights up when the Bluetooth link is successful.
The Bluetooth icon goes out when Bluetooth is disconnected.

Please refer to clause 5 for more details regarding error messages.



On/Off

- Press the main power switch to turn on the device. The screen will illuminate, and the main power indicator light will turn on.
- When the product remains idle for 5 minutes with no operation, the LCD display will automatically turn off.
- The LCD display will automatically turn on when the product is connected or disconnected from AC mains, PV input, or a car charger, or when any button is pressed. To manually turn the LCD display on or off, press the main power switch.
- Press and hold the main power switch to turn off the power station.
- In normal mode (battery level above 5%), the default standby time is 2 hours. If the AC output is not enabled and there is no charging or discharging activity for 2 hours, the device will automatically shut down. The standby time can be customized via the mobile app.
- When the battery level is 5% or lower, the device enters low-power mode. In the absence of charging or discharging, the standby time will adjust automatically based on the remaining battery capacity, and the device will shut down to conserve power.
- In normal mode, press and hold the LED light button to disable the automatic shutdown feature. The battery icon [▭] on the screen will flash to indicate the change. Press and hold the LED light button again to re-enable automatic shutdown; the battery icon [▭] will stop flashing.
- (The automatic shutdown feature protects the battery from deep discharge. Disabling it may reduce battery lifespan. Use this option with caution.)



Note

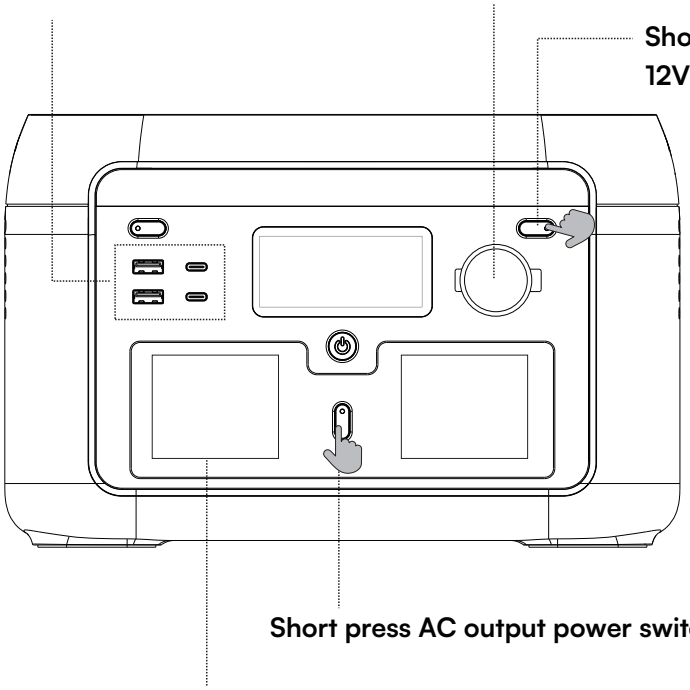
- When there is no AC input, long-press the AC output button to switch the AC off-grid output frequency (50Hz / 60Hz).
- Long-press for 2 seconds to switch; the AC output icon will flash 3 times upon successful switching.

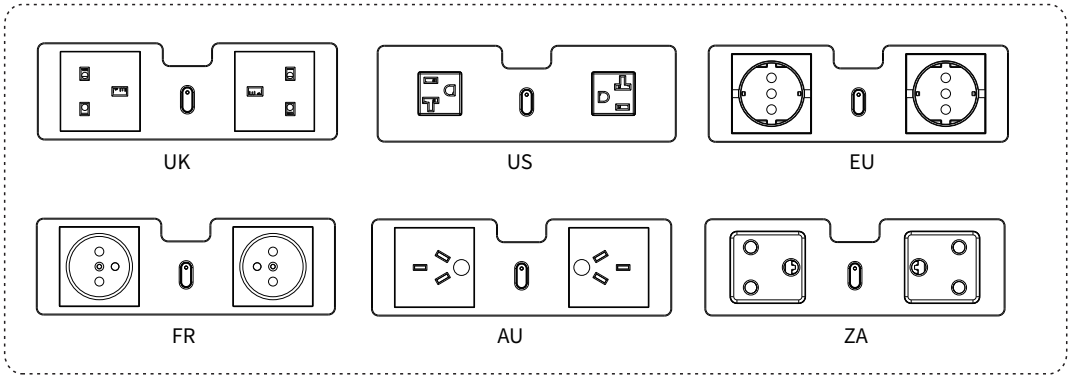
USB output

USB output is enabled by default after the main power switch is turned on.

- After the main power switch is turned on, press the 12V DC output power switch to enable the DC output port.
- Press the 12V DC output power switch again to turn it off.

12V DC output



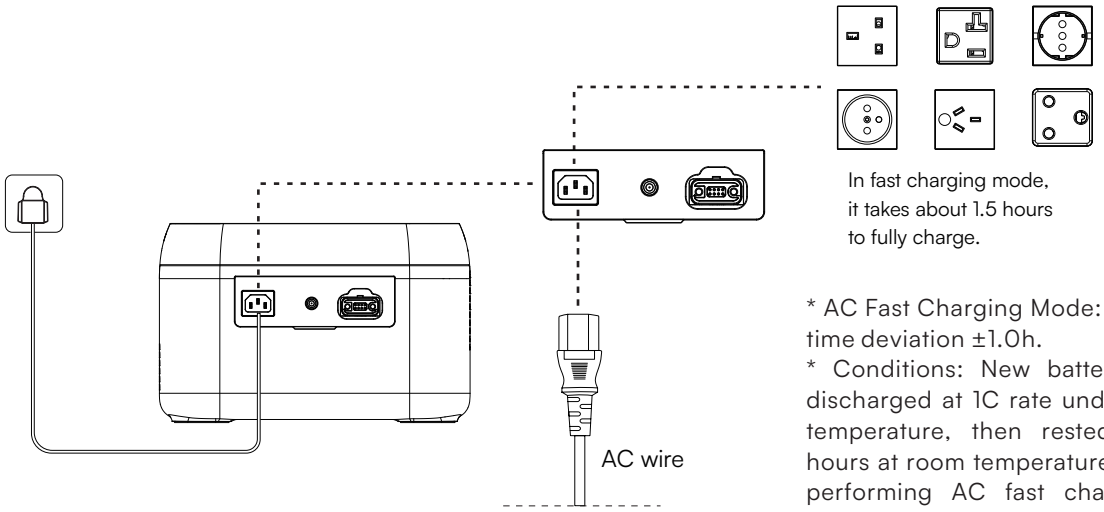


AC Output

- After ensuring the main power is turned on, short-press the AC output power switch to turn on the AC output. Short-press the AC output power switch again to turn it off.
- The default standby time for the AC output port is 1 hour. If no load is detected on the AC output port for 1 hour, the AC output will automatically turn off.
- In normal mode, long-press the LED light button to exit the automatic shutdown setting for the AC output. The battery icon [▭] on the screen will flash to indicate the setting has been disabled. Long-press the LED light button again to re-enable the automatic shutdown setting; the battery icon [▭] will no longer flash.
- Long-pressing the LED light button to exit the AC automatic shutdown setting is applicable for AC equipment rated below 10W and for devices with pulse or intermittent operation.
- When the AC output is not in use, turn it off to conserve battery power.

AC CHARGING

When the product is powered on, fast charging mode is enabled by default. If the product is equipped with a Wi-Fi function, the charging rate can be adjusted through the mobile application.

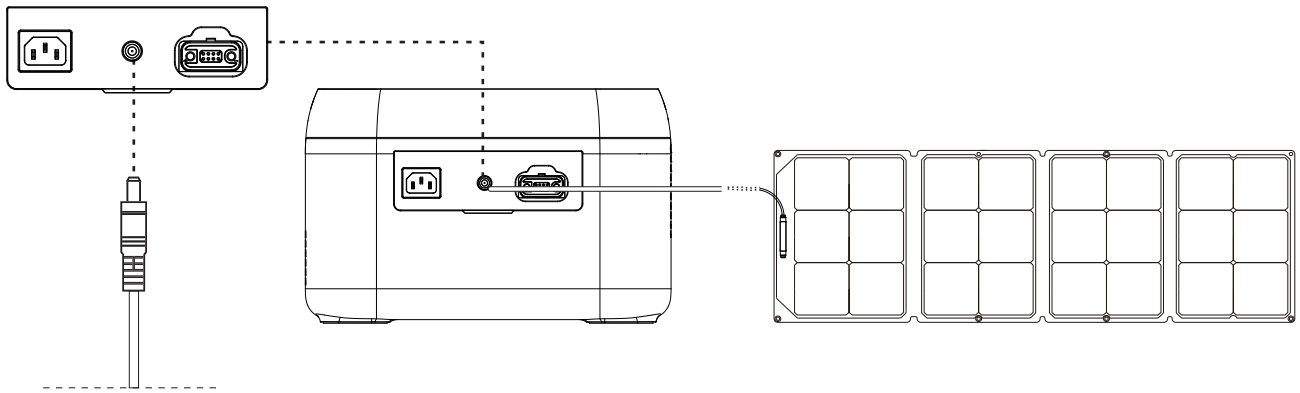


In fast charging mode, it takes about 1.5 hours to fully charge.

* AC Fast Charging Mode: Charging time deviation ±1.0h.
* Conditions: New battery, fully discharged at 1C rate under room temperature, then rested for 2 hours at room temperature before performing AC fast charging at room temperature.

Please use the standard AC cable for charging. AC charging cable should directly plug into10A (or above) wall-mounted socket. We take no responsibilities for any damage caused by using unofficial AC charging cable, and other failures to follow instructions.

PV CHARGING



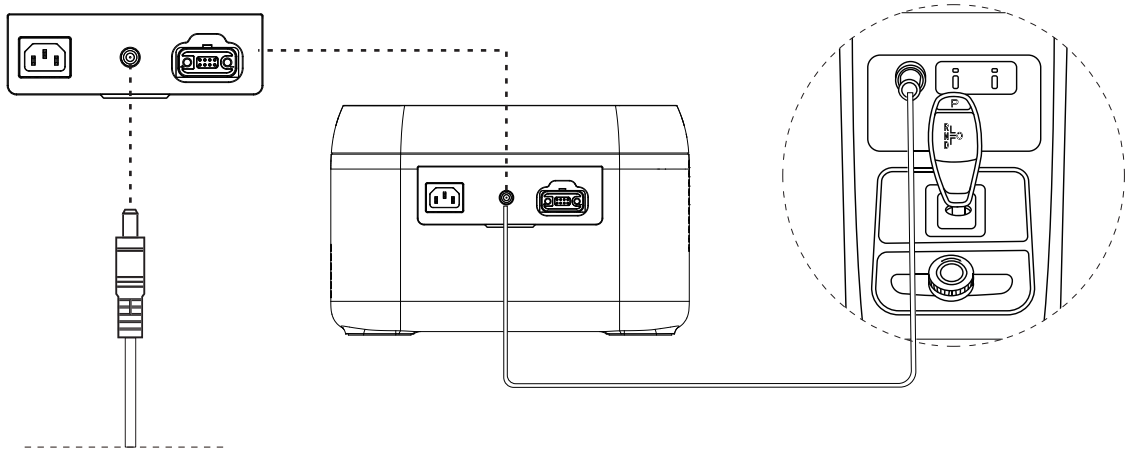
Charge the power station by solar panel

Solar charging cable (DC7909)

- Please follow the user manual to connect the solar panels.
- Before connecting the solar panel, check whether its output voltage is within power station specifications to avoid damage to power station

The interface of this product is DC7909. If you need an adapter cable from MC4 to DC7909, please purchase it yourself.

CAR CHARGING



Car charger cable (DC7909)

Power station can be charged by a car charging port. It should be charged after the car starts, so as to avoid the car battery loss and failure to start. At the same time, ensure good connection between the car charging port and cigarette lighter. We take no responsibilities for any loss caused by improper operation.

BATTERY EXPANSION

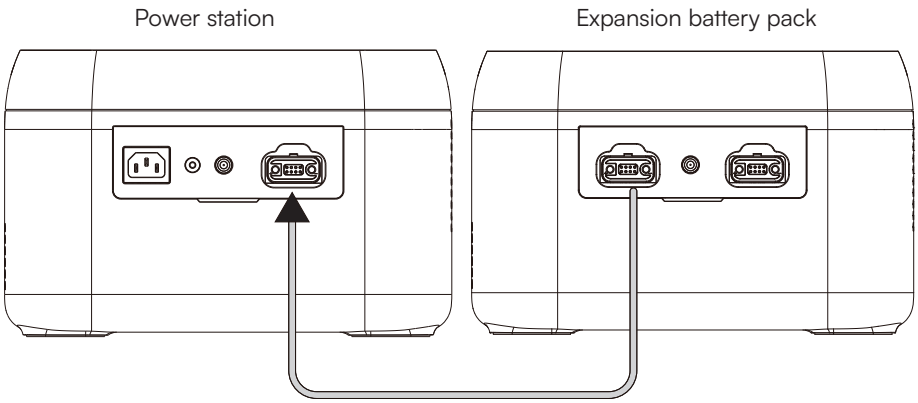
Power station supports connection with 6 expansion battery packs at the same time for larger capacity. Please refer to the user manual of battery pack for details.

Notes

1. Before connecting the battery pack, please make sure both power station and battery pack are off.
2. After the battery pack is connected, check if battery icon is shown in the displays of both power station and battery pack.
3. While in charging, please do not connect or remove the battery pack. If connection or need to connect or remove it, turn off power station prior to operation.
4. Please do not touch the metal terminals. If there is foreign matter on the metal terminals, clean it with a dry cloth gently and carefully.

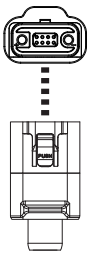
PARALLEL MODE OF 1 POWER STATION AND 1 EXPANSION BATTERY PACK

1. Turn off the power station and expansion battery pack.
2. Plug the expansion cable into the expansion port of the power station and the Power Input/Output of the expansion battery pack.
3. After parallelization, press the power button on the power station to enable both units to display current capacity. The power station shows the paralleled quantity, and capacity is expanded.
4. After parallelization, connect the ports of the power station for charging or discharging.



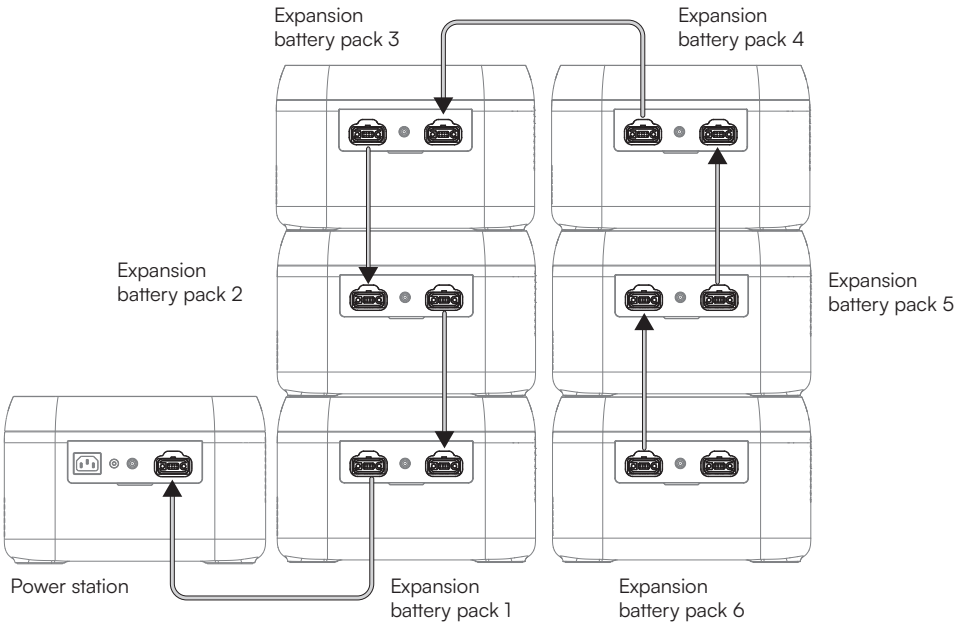
Note

Both ports of the expansion battery pack can be connected to the expansion port of the power station.
Both ports of the expansion cable can be connected to the ports of the expansion battery pack and the expansion port of the power station.



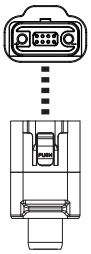
Parallel Mode: One Power Station with Multiple Expansion Battery Packs

1. Turn off the power station and all expansion battery packs.
2. Connect the expansion cable to the expansion port of the power station and to the Power Input/Output port of the first expansion battery pack.
3. Then, connect the Power Input/Output port of expansion battery pack 1 to the Power Input/Output port of expansion battery pack 2, and continue this daisy-chain connection for additional packs (up to a maximum of 6 expansion battery packs).
4. After completing the parallel connections, press the power button (⏻) on the power station to turn on the system. The power station and connected battery packs will activate, and the display will show the current total capacity. The power station will indicate the number of paralleled battery packs, and the total capacity will reflect the expanded amount.
5. Once paralleled and powered on, connect the necessary ports of the power station for charging or discharging.



Note

Both ports of the expansion battery pack can be connected to the expansion port of the power station.
Both ports of the expansion cable can be connected to the ports of the expansion battery pack and to the expansion port of the power station.



Constant power

With the constant power output function, you can use the product to power appliances that exceed the rated power of the device without disruption caused by overload protection. When the power supply needs to drive high-power electrical appliances, the inverter will intelligently regulate the output power of the power supply to maintain a constant actual output power, ensuring that the electrical appliances can still operate reliably.

Please take note of the following when using the constant power output function

1. The constant power output function is not enabled by default, which can be turned on or off by App.
2. In the following cases, constant power output function is not enabled:
    - AC output is turned on in charging status (bypass mode).
    - Constant power output function is turned off.
3. When using an appliance that exceeds rated power of the device, please connect only one appliance. When connecting more than one electrical appliance, the change of voltage may affect the usage of other electrical appliances.
4. Constant power output function is more suitable for heater and motor instead of all electrical equipment. It is not suitable for some electrical appliances with voltage protection (such as precision instruments). Constant power output function application is subject to actual testing.

APP

1. You can control and view information and data about this product by App.
2. Software download: Search for Smart Life in the Google App Store or Apple App Store, download the software, register and open it — or scan the QR code below to download. For detailed usage of the APP, please refer to the APP Operation Guide.

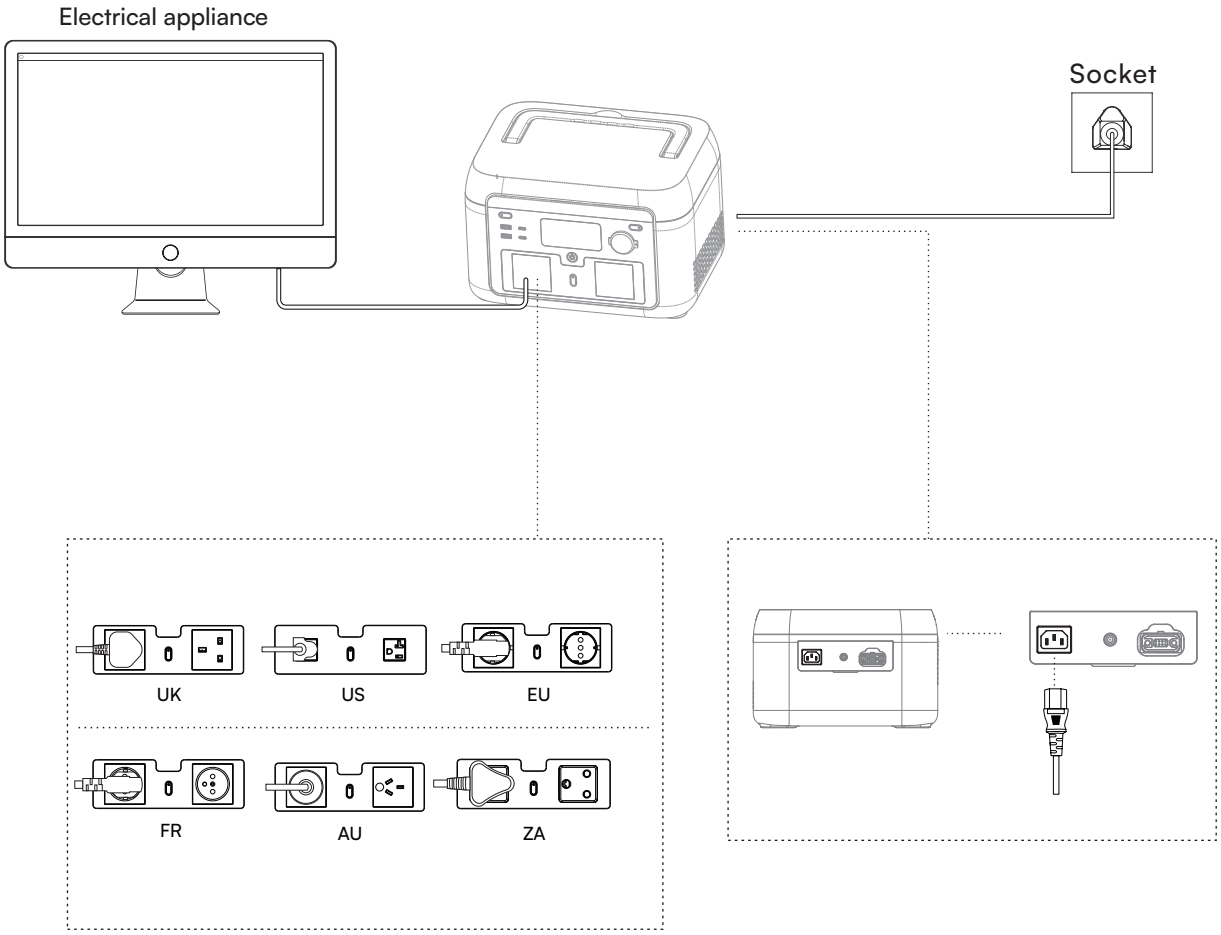
EPS Function

This product supports the EPS (Emergency Power Supply) function. Connect the power grid to the AC input port of this product using the AC charging cable. In bypass mode, AC power comes from the grid (not the battery). When the grid suddenly loses power, the product automatically switches to battery power supply mode (inverter mode, where AC power comes from the battery, not the grid) within 10ms. This function does not support 0ms switching.

Please note the following when using the EPS function:

- Do not connect devices that require highly uninterruptible power supply, such as data servers or workstations.
- It is recommended to connect only one device during use. Avoid connecting multiple devices simultaneously to prevent triggering the overload protection of the product.
- If the connected device does not operate normally or data is lost due to failure to follow these instructions, the company will not be held responsible for any corresponding losses.
- If necessary, perform multiple tests to confirm compatibility before use.

This EPS feature provides fast automatic backup power (10ms switchover) for essential household or basic appliances during outages, but it is not a true UPS for critical or sensitive equipment requiring zero downtime.



FAQs (Frequently Asked Questions)

- **What kind of battery is used?**
  Lithium iron phosphate battery (LiFePO4).
- **What equipment can be connected to the AC output ports?**
  The AC output ports provide high rated power and can supply power to small household appliances. We recommend confirming the power consumption of your equipment beforehand to ensure that the total power of all connected loads does not exceed the rated output power of the device.
- **How can I estimate the power supply runtime?**
  The estimated runtime is displayed on the LCD screen. This can be used as a reference for equipment with stable power consumption.

- **How can I tell if the unit is charging?**
  When charging, the LCD screen displays the remaining charging time. The SOC (State of Charge) icon will flicker, and the input power will be shown.
- **How do I clean the unit?**
  Clean the unit with a dry, soft, and clean cloth or tissue.
- **How should I store the unit?**
  Turn off the unit and store it in a dry, well-ventilated place. Do not expose it to water. For long-term storage, discharge and recharge every 3 months: discharge to 0%, then charge to 100%, and then discharge to 48%—52%.
- **Can it be taken on board an aircraft?**
  No.

TROUBLESHOOTING

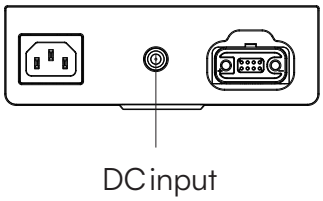
Icon	Fault Description	Solution
02 Error Error code always on	Pressure difference is too large	Automatic recovery after fault clearing; 3 consecutive locks within a certain period of time, longer recovery time.
03 Error Error code always on	BMS voltage fault	Auto shutdown, fault will be cleared after reboot.
Over 04 Error High temperature icon always on Error code always on	Battery OTP (over temperature protection) fault	Auto shutdown, fault cleared when temperature is restored.
Low 05 Error Low temperature icon always on Error code always on	Battery UTP (under temperature protection) fault	
06 Error Error code always on	OCP (over current protection) fault	Remove the over-power device, and it will automatically recover after the fault is cleared; if it is triggered continuously for 3 times within 1 minute, it will be locked, and the recovery time will be prolonged, and it can be recovered by powering on and off again.
Over 07 Error High temperature icon always on Error code always on	BMS board over temperature fault	Auto shutdown, delayed start.
08 Error Error code always on	Abnormal precharge	Power on and off again to clear the fault.
09 Error Error code always on	Battery under voltage fault	charging process, Repeated charging failures or failure to charge, please contact customer service.
11 Error Error code always on	Abnormal INV battery voltage	Automatic recovery after the fault is cleared; if it is triggered times within minute, it will be locked, and the recovery time will be extended, and it can be recovered by powering on and off again.
12 Error Error code always on	Grid voltage or frequency fault	The fault is cleared when the grid returns to normal.

Icon	Fault Description	Solution
13 Error — Error code always on	Abnormal INV BUS voltage	Automatic recovery after the fault is cleared; if it is triggered 3 times within 1 minute, it will be locked, and the recovery time will be extended, and it can be recovered by powering on and off again.
14 Error — Error code always on	Abnormal INV output	
Overload 15 Error — Overload icon always on, Error code always on	INV discharge overload	Remove the over-power device, and it will automatically recover after the fault is cleared; if it is triggered continuously for 3 times within 1 minute, it will be locked, and the recovery time will be prolonged, and it can be recovered by powering on and off again.
Overload 16 Error — Overload icon always on, Error code always on	Charge overload	Automatic recovery after the fault is cleared; if it is triggered 3 times within 1 minute, it will be locked, and the recovery time will be extended, and it can be recovered by powering on and off again.
17 Error — Error code always on	INV Tz	Auto recover after fault is cleared.
Over 20 Error — High temperature icon always on, Error code always on	MOSFET OTP fault	After removing the device and restarting, the fault is cleared.
21 Error — Error code always on	Fan stop	Exclude the fan abnormality, turn on and off, contact after sales if still not fixed.
23 Error — Error code always on	Charge soft start fault	Automatic recovery after the fault is cleared; if it is triggered 3 times within 1 minute, it will be locked, and the recovery time will be extended, and it can be recovered by powering on and off again.
24 Error — Error code always on	MOSFET UTP fault	Automatic recovery after the product heats up.
27 Error — Error code always on	DC input hardware overcurrent protection	Remove DC charge, auto recover after connecting DC and turn on.
28 Error — Error code always on	DC input software overcurrent protection	DC charging stops and will automatically resume after the fault is eliminated.
31 Error — Error code always on	PV output OVP (over voltage protection) fault	Removing the PV charging interface will automatically restore it after a certain period of time.
32 Error — Error code always on	DC input voltage overvoltage protection	Remove the DC charging interface for a certain period of time to automatically recover or check whether the DC output fuse is disconnected.
Over 35 Error — High temperature icon always on, Error code always on	DC input over temperature protection	Stop DC. Auto recover after fault is cleared.
Over 37 Error — High temperature icon always on, Error code always on	Car charge output OTP fault	Turn off output, manual recover after fault is cleared.
38 Error — Error code always on	Abnormal communication	Turn on and off, or change operation environment. Contact after sales if still not fixed.
43 Error — Error code always on	The battery voltage is too low. The battery is broken	Contact after-sales processing.

Troubleshooting and Customer Support

If a warning occurs during use of this product and the warning icon does not disappear after restarting the device, please stop using it immediately (do not attempt to charge or discharge).
If none of the above information resolves the problem you are encountering, please contact customer service for consultation.

Note: Both PV and Car Charger are DC input sharing the same DC Ports.



MAINTENANCE

- It is recommended to use or store the power station in an ambient temperature of 20°C—30°C. Keep it away from water, heaters, and metal parts.
- For long-term storage, charge and discharge the unit every 3 months: discharge to 0%, then charge to 100%, and then discharge to 48%—52%.
- For safety, do not store the power station at temperatures above 45°C or below -10°C.
- If the battery capacity drops below 1%, please charge it to at least 60%. Long-term storage with serious capacity shortage may cause irreversible damage to the cells and shorten the product's service life.
- If the capacity becomes seriously insufficient and the idle time is too long, the product will enter deep sleep mode and can only be used again after being charged.
- After charging or discharging the product, wait at least 30 minutes before using it.

DISCLAIMER

- This product is equipped with a built-in battery management system (BMS) that provides protections against overcharge, overdischarge, overcurrent, short circuit, high and low temperature, and abnormal communication. During use, these protections may activate and interrupt output power. The company shall not be held responsible for any indirect losses caused by accidental power failure to special equipment such as medical devices or servers. Additionally, the company assumes no liability for accidents resulting from illegal use, self-disassembly, or man-made damage.
- Before using the power station, please read this user manual carefully to ensure proper understanding and correct operation. After reading, retain the manual for future reference. Improper use may result in serious injury to yourself or others, or cause damage to the product and property. By using the power station, you are deemed to have understood and accepted all terms and conditions contained herein. Users are responsible for their actions and all consequences arising therefrom. The company shall not be liable for any losses resulting from failure to follow this user manual.
- In accordance with applicable laws and regulations, the company reserves the right of final interpretation of this document and all related product documents. The company reserves the right to update, revise, or terminate this manual without prior notice. For the latest product information, please visit the official website.

IMPORTANT NOTES

- This product contains battery type "Secondary" (rechargeable).
- Electrical and electronic equipment that has become waste is known as old equipment/device. Old devices must not be disposed of with other household waste.
- Owners of old devices at the end of its service life must return the device by taking them to the collection points set up by public waste disposal authorities or distributors. This return does not entail any costs for you.
- Owners of old devices have an obligation to remove accessible batteries / rechargeable batteries as well as non-destructively removable lamps from the old device prior to return. This does not apply if old devices are being prepared for reuse with the participation of a public law firm.
- Battery removal warning: The battery contained in this product must be removed only by professional personnel only. The battery must never be removed by the end user, if not removed correctly it could damage the battery which could cause fire.
- Batteries removed from an old electronic device should be disposed of separately. This return of battery does not entail any costs for you and the user is obliged to return the battery.
- Please make sure that this product is not powered on when removing the battery. Fire hazard! Avoid short-circuiting the contacts of a detached battery. Do not incinerate the battery. Please handle the battery with Caution!
- If electrical appliances or batteries are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.



- The symbol of "Crossed rubbish bins "indicates that this product should not be disposed of with other household wastes and must be collected separately from unsorted municipal waste at the end of its service life.
- Please use the link below to view the online directory of the collection and return points:https://www.ear-system.de/ear-verzeichnis/sammel-und-ruecknahmestellen

V-TAC WEST EUROPE LTD. IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: SUPPORT@V-TAC.EU FOR MORE PRODUCTS RANGE, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS. V-TAC WEST EUROPE LTD. GROUND FLOOR, 71 LOWER BAGGOT STREET, DUBLIN 02, IRELAND DO2 P593

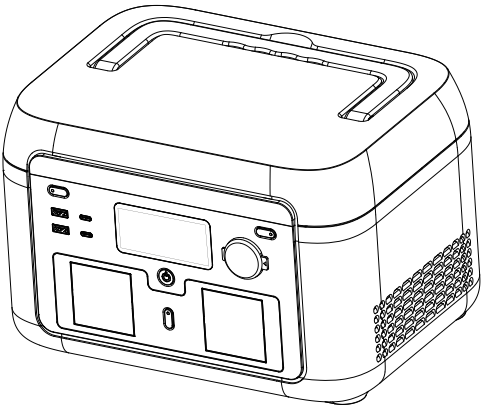
V-TAC UK LTD. IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT PLEASE REACH OUT TO US AT SUPPORT@VTACEXPORTS.COM V-TAC, 5A TUNGSTEN PARK, DOWNS ROAD, WITNEY, OXFORDSHIRE, OX29 0AX

Meaningful Innovation.

APP OPERATION GUIDE

600W POWER STATION

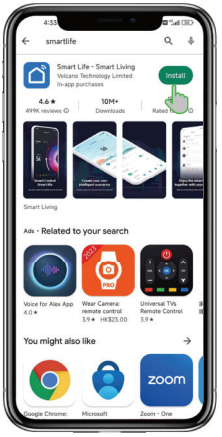
Smart Life App



MODEL	VT-10003
SKU	12706

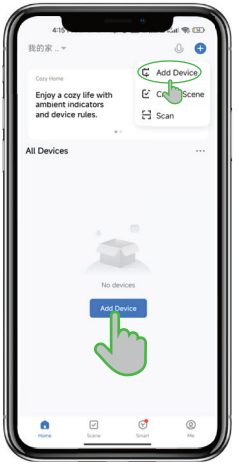
1. Install the application

Search for "Smart Life" in the APP store to download and install, or scan the QR code to download and install.



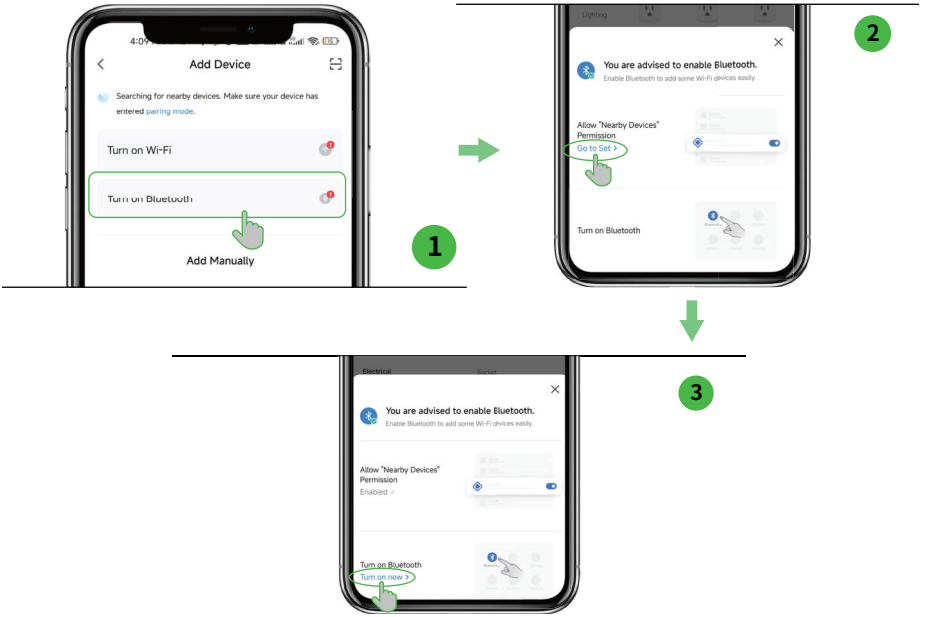
2. Device Pairing

Select Add Device in the APP main interface.



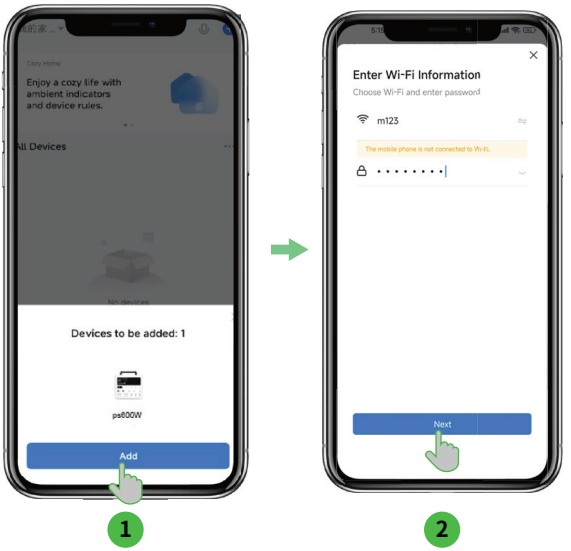
2.1 Enable Blutooth

Please follow the prompts to set Enable Nearby Devices permission and Enable Bluetooth so that you can easily add some Wi-Fi devices.



2.2 Device Connection to WiFi

The App main interface automatically pops up device information, or go to the [Add Device] interface, find the device and click [Add].
Please fill in the WiFi information to connect the device

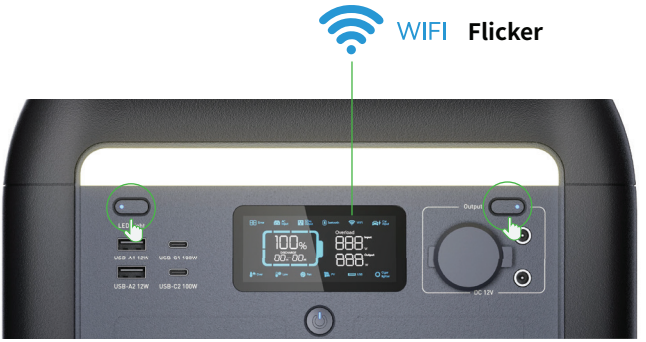


WiFi Connection Status

If the WIFI icon on the screen is always on, which means the connection is successful.



If you are not sure whether the machine has been paired by others, first cancel the possible WIFI pairing: press the two buttons as shown in the figure at the same time, and the WIFI icon flashes on the screen to indicate that the operation is successful.



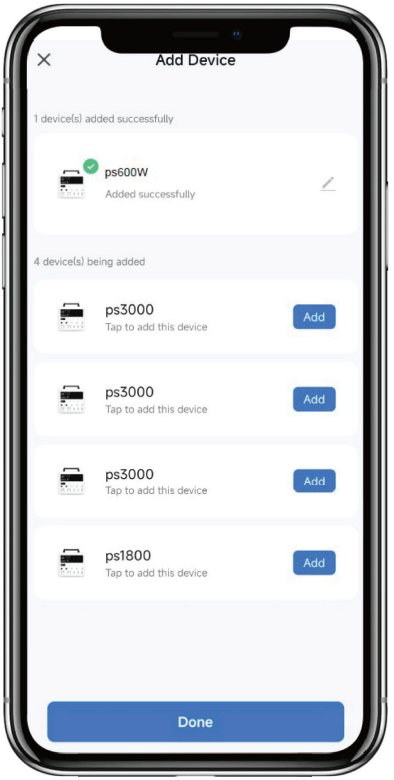
Note: After the first successful WIFI connection, as long as the WIFI pairing is not canceled, you can use the APP to control the whole machine without connecting to the WIFI after only turning on the Bluetooth.

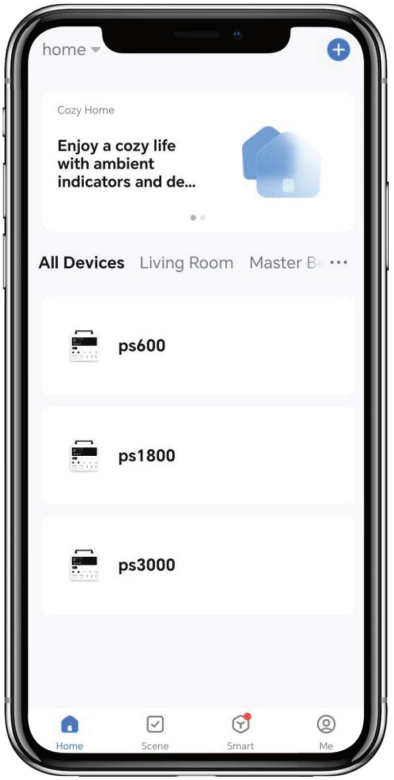
If there is no shared WIFI in your area, you can also use your cell phone to open a hotspot and connect your device to WIFI to complete the binding.

3. Parameter Set

3.1 View Device Information

After successful pairing you can find the device in the main interface.



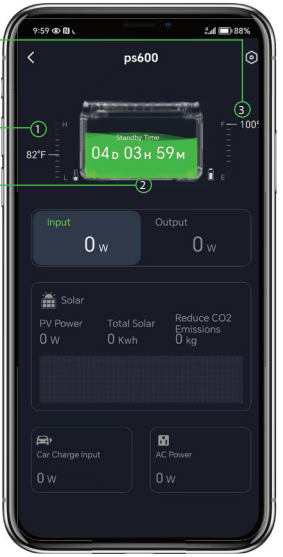


TAP THE BUTTON OF YOUR DEVICE TO ENTER THE BATTERY WORK SCREEN.

State of charge (SOC).

Battery temperature.

The current state of the batter. When charging, the estimated full charge time is displayed. When discharging, it shows the time for the remaining power to be consumed. In standby state, the standby time is displayed.



INPUT INDICATES THE TOTAL INPUT POWER

The power display in the state of using solar panels, respec - tively referring to PV power, total solar power generation, and reducing carbon dioxide emissions.

The power of charging the product by connecting the car cigarette lighter through the accessory.

AC input power.



OUTPUT INDICATES THE TOTAL OUTPUT POWER



Shows the USB output interface and its power.

The AC output switch and show its power.



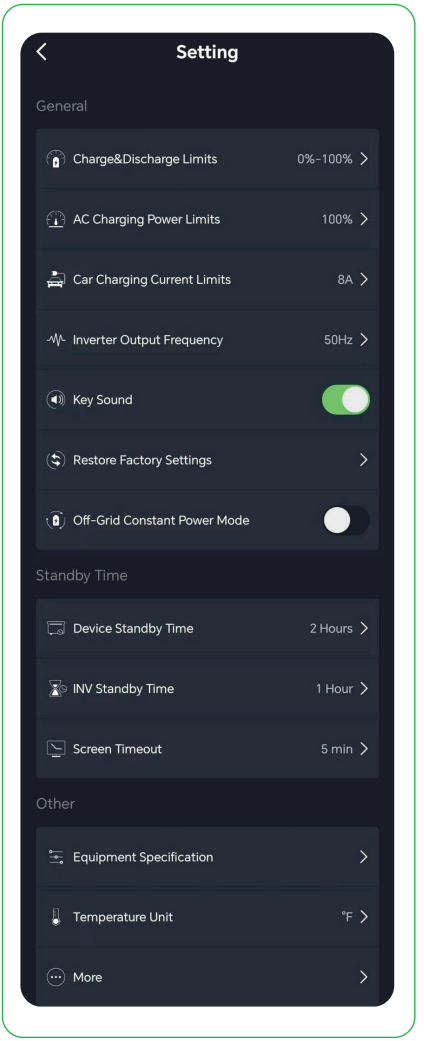
The cigarette lighter switch, please note that the output is 12 volts of direct current.

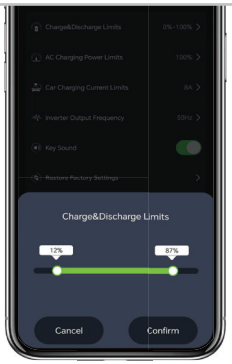
LED light control, which can choose low, medium, strong three levels of brightness, and SOS alarm flashing mode.

SETTING DEVICE PARAMETERS

Click the upper right corner to enter the Settings interface.



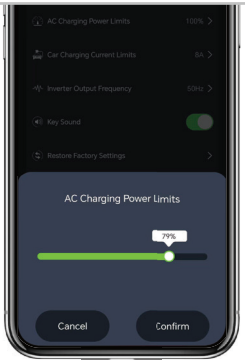




Charge & Discharge Limits

This is the charge & discharge limits, the factory default range is 0% to 100%. As shown in the figure, setting this range between 12% and 87% means that the state of charge (SOC) must be between 12% and 87%to charge and discharge properly.

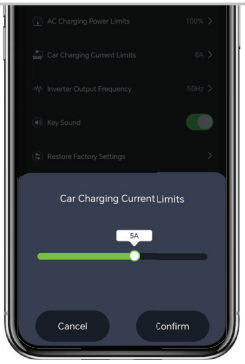
1



AC Charging Power Limits

This is the AC charging power limits, the factory default value is 100%. As shown in the figure, if it is changed to 79%, the power of AC charging power limited to 79% of the maximum power.

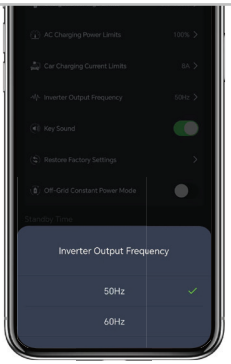
2



Car Charging Current Limits

This is the car charging current limits, the factory default value is 8A. You can adjust the charging current according to the vehicle.

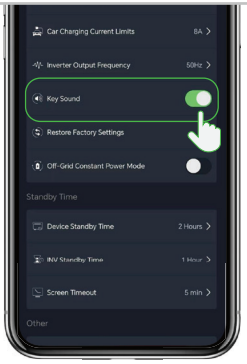
3



Inverter Output Frequency

This is the inverter output frequency, which provides two options of 50Hz and 60Hz.

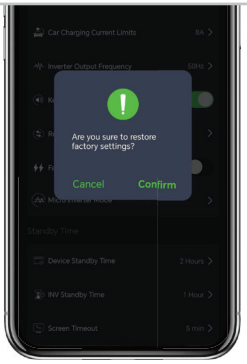
4

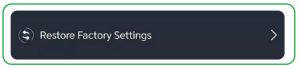


Key Sound

This is the key sound switch, when turned off to mute mode.

5

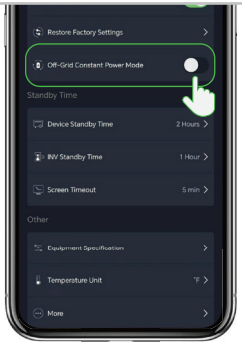




Restore Settings

This is restore settings, click [comfirm] , the device will be restored to the factory defaults.

6

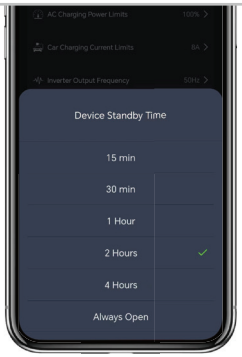


Off-Grid Constant Power Mode

In off-grid constant power mode，600W power station allows you to use appliances with rated power of 600-1000W when the battery is no loaded.

Note: this mode is more friendly to heating and motor equipment, not for all electrical appli - ances, some electrical appliances with strict requirements for voltage(such as precision instruments) are still not competent, so please do a full test to avoid affecting your use. This mode is off by factory default.

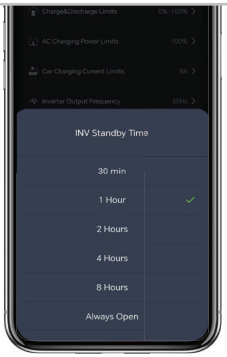
7



Device Standby Time

Device standby time refers to the countdown to turn off the device when the AC output switch is off and there is no charging and discharging. The factory default value is 2 hours.

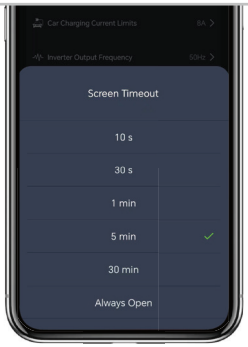
8



INV Standby Time

INV standby time refers to the AC output switch is turned on, there is no AC output, and it automatically shuts down when it reaches the set time. The factory default value is 1 hours.

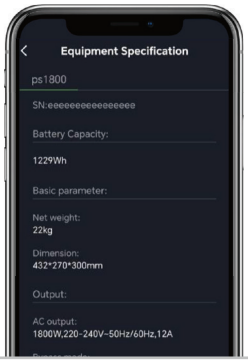
9

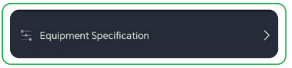


Screen Timeout

Screen timeout refers to the time when the screen automatically turns off after the touch screen operation is finished. The factory default value is 5 minutes.

10

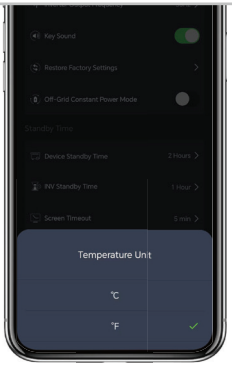




Equipment Specification

This is the equipment specification, you can view the device specification information here.

11

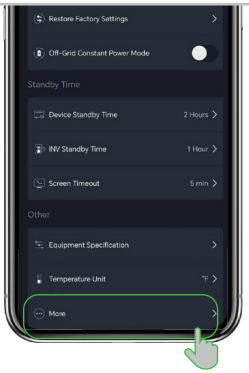




Temperature Unit

This is the battery temperature unit, you can choose Celsius or Fahrenheit.

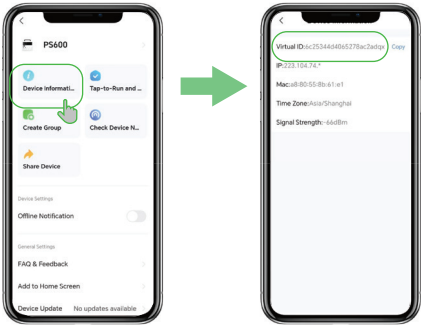
12



More

You can select "More" cases to view more features.

Select Device Information to get the virtual ID of the device, which can help better after-sales service.



Note: Each Power Station has a different ID.

Thanks