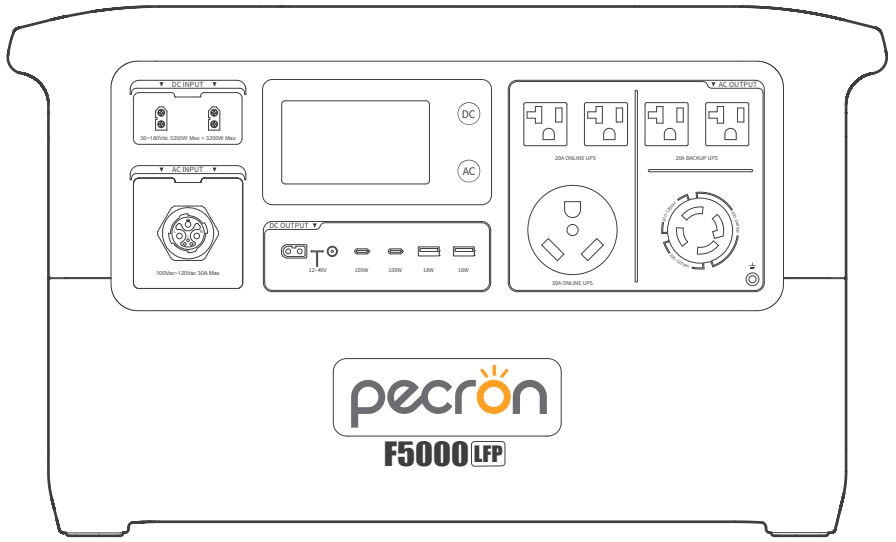
Follow PECRON's official account for more information and services.

NEED HELP? WE' RE HERE FOR YOU!
Website: www.pecron.com
Customer Support: support@pecron.com
Call Us: +1 888 906 5997 (9am -5pm EST, Mon. -Fri.)
PLEASE NOTE YOUR ORDER NUMBER AND PLATFORM OF PURCHASE,
SO WE CAN QUICKLY HELP YOU CHECK THE ORDER INFO AND SOLVE IT.
PECRON THANK YOU FOR YOUR SUPPORT AND COOPERATION!

USER MANUAL

F5000 LFP



Contact Us:
www.pecron.com

F5000 LFP-EN-V1.4

CONTENT

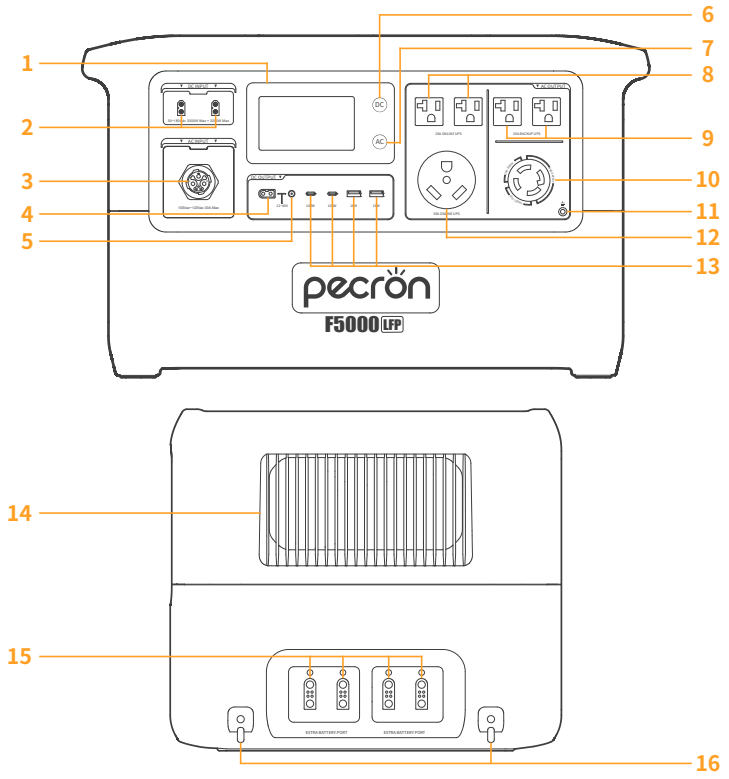
DESCRIPTION OF SYMBOLS	01
FUNCTION INTRODUCTION	01
SPECIFICATIONS	02
OPERATING INSTRUCTIONS	03
DETAILS AND OPERATING INSTRUCTIONS OF THE DISPLAY	04
HOW TO SET THE TIME AND LANGUAGE OF THE SCREEN	05
HOW TO CONNECT WITH APP	06
HOW TO OPERATE THE SETTING OF INPUT AND OUTPUT	06
STATISTICS FEATURE OVERVIEW	07
AUTOMATION FEATURE OVERVIEW	08
EVENT LOG FEATURE OVERVIEW	09
BATTERY HEATING FUNCTION DESCRIPTION	09
AC OUTPUT TO POWER THE DEVICE	10
DC OUTPUT TO POWER THE DEVICE	11
USING AC CHARGING	12
BATTERY TEMPERATURE INFORMATION	13
UPS FUNCTION	14
USING SOLAR PANELS CHARGING	15
BATTERY EXPANSION PORT FUNCTION	17
APP FUNCTION	20
PACKING LIST	21
PRODUCT OPTIONAL ACCESSORIES	22
COMMON ALARMS & SOLUTIONS	23
FAQS	24
MAINTENANCE AND CARE	25
DISCLAIMER	25
WARNING	25
DISPOSAL	26
EXCLUSIONS	26

DESCRIPTION OF SYMBOLS

⚠ Important Notes

Tips for operation and use

FUNCTION INTRODUCTION



Product appearance and structure may vary by country/region; refer to the physical product.

1 IPS HD Touchscreen
2 DC 30V~180V Charging Port
3 AC 100V~120V Charging Port
4 XT60 12V~40V Output
5 DC 5525 Output
6 DC / USB Switch
7 AC Switch
8 AC Output 100~120V-NEMA 5-20R(20A ONLINE UPS)
9 AC Output 100~120V-NEMA 5-20R(20A BACKUP UPS)
10 AC Output 200~240V-NEMA L14-30R
11 External Grounding Port
12 AC Output100~120V-TT30-R (30A ONLINE UPS)
13 USB-A / USB-C Ports
14 Dust Screen
15 Battery Expansion Port
16 Locking Nut

SPECIFICATIONS

GENERAL INFO			
Model		F5000 LFP	
Capacity		5120Wh(51.2V100Ah)	
Net Weight		Around 56.2kg / Around 123.9lb	
Dimension		L551*W381*H332 mm / L21.7*W15*H13.1 in	
Maximum Operating Altitude		3000m	
OUTPUT SPECIFICATION			
AC	NEMA5-20P *2	100~120Vac, Rated Power 3600W Max, UPS Transfer Time 0ms	7200W Max
	TT30-R *1		
	NEMA5-20P *2	100~120Vac, Rated Power 3600W Max, UPS Transfer Time 20ms	
	NEMA L14-30R *1	200~240Vac, Rated Power 7200W Max	
DC	USB-A *2	(5V,9V,12V, 18W Max) *2	1000W Max
	USB-C *2	(5V,9V,12V,20V, 100W Max) *2	
	XT60 *1	DC 12V~40V, 25A Max, 800W Max	
	5525 *1		
INPUT SPECIFICATION			
AC MJ25 *1		100~120Vac, 50/60Hz, 30A Max	
XT60 *2		30Vdc~180Vdc, 3200W Max, 25A Max (Maximum Power: 5800W when no Power Kit is connected. Maximum Power 6400W is achievable only when a Power Kit is connected.)	
EXTRA BATTERY PORT			
XT120 *4		Up to 6 units of the EP3000-48V or the FP5000-48V can be connected in cascade. 35.8kWh Max	
BATTERY SPECIFICATIONS			
Cell Materials		LFP (LiFePO4)	
Cycle Life		Maintains over 80% capacity after 4000 cycles (cycles at 0.5C/0.5C at 25°C(77°F)	
OPERATING TEMPERATURE			
Supply Ambient Temperature		-20°C ~ 45°C / -4°F ~ 113°F	
Charging Ambient Temperature		-20°C ~ 45°C / -4°F ~ 113°F (Battery Heating Activation)	
Storage Ambient Temperature		-20°C ~ 45°C / -4°F ~ 113°F (Optimal Range: 20°C ~ 30°C / 68°F ~ 86°F)	

OPERATING INSTRUCTIONS

1: DC Button

To turn DC/USB output ON/OFF: Press and hold the button.

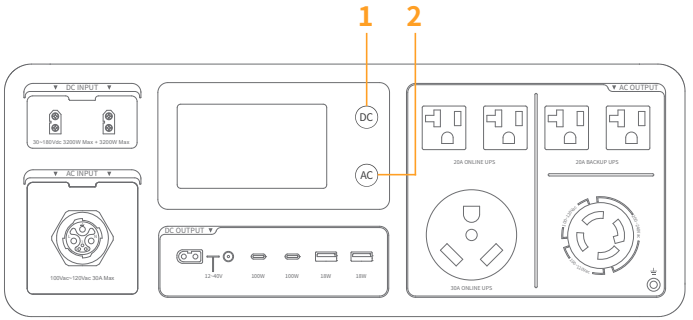
A single beep will sound when output is enabled.

2: AC Button

To turn AC output ON/OFF: Press and hold the button.

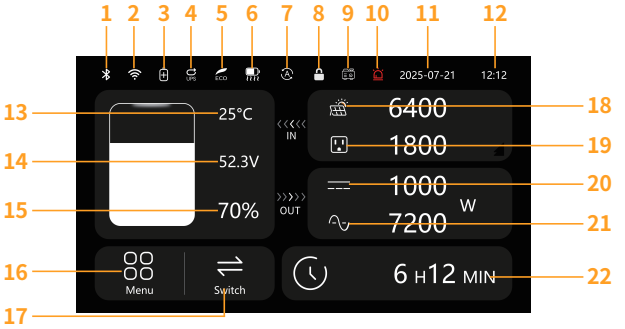
A single beep will sound when output is enabled.

Auto Shutdown: The unit will automatically power off after 10 seconds of inactivity when both DC and AC outputs are turned off.



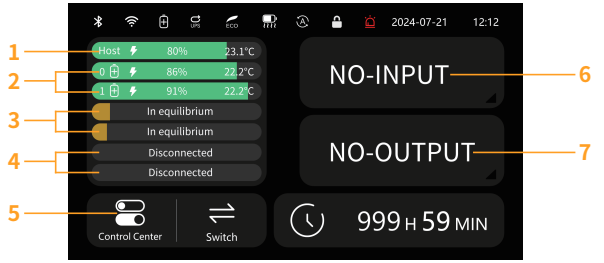
DETAILS AND OPERATING INSTRUCTIONS OF THE DISPLAY

Display and switch of home page 1



1	Bluetooth connection	12	Time
2	WIFI connection	13	Battery Temperature
3	Connection of expansion battery pack	14	Battery Voltage
4	UPS ON	15	Battery Volume Percentage
5	ECO ON	16	Menu
6	Battery Heating On	17	Switch Button
7	Automation has been set up	18	DC Input
8	Touchscreen Lock	19	AC Input
9	Generator Mode On	20	DC Output
10	Warning	21	AC Output
11	Date	22	Remaining Discharge Time /Remaining Charge Time

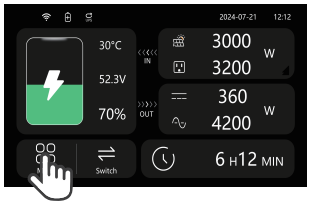
Display and switch of home page 2



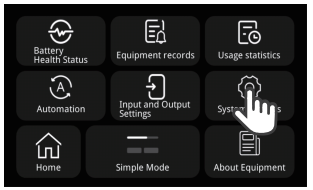
1	Main Unit Remaining Capacity	5	Control Center
2	Extension Pack Remaining Capacity	6	Input Status
3	Battery Balancing Status	7	Output Status
4	Extension Pack Disconnected		

HOW TO SET THE TIME AND LANGUAGE OF THE SCREEN

Click "Menu" showed as **(Picture 1)**.
Then click "System Setting" showed as **(Picture 2)**.



(Picture 1)

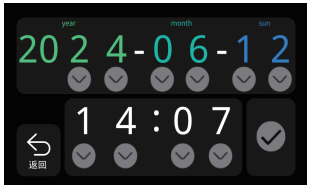


(Picture 2)

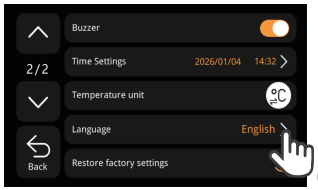
Page up/down by clicking "∧"/"∨" on the left side.
Click "Time setting" to adjust the time showed as **(Picture 3)**.



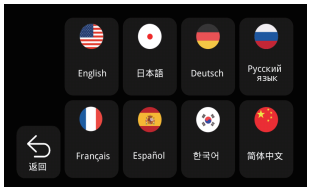
(Picture 3)



Click "Language" to adjust language type. Showed as **(Picture 4)**.



(Picture 4)

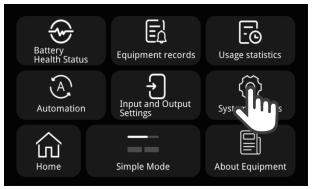


HOW TO CONNECT WITH APP

Click "Menu" showed as **(Picture 1)**.
Then click "System Setting" showed as **(Picture 2)**.

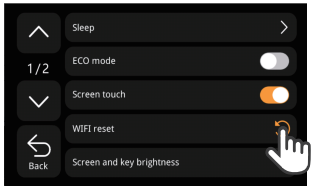


(Picture 1)

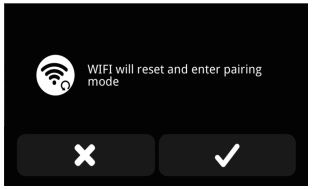


(Picture 2)

Click "WIFI reset" showed as **(Picture 3)**.
Click "√" to reset the WIFI and enter the pairing mode showed as **(Picture 4)**.
And then search the device model through the near field on the APP.
If you connect to the APP via WIFI successfully, the WIFI symbol will be displayed.



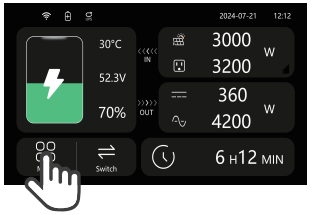
(Picture 3)



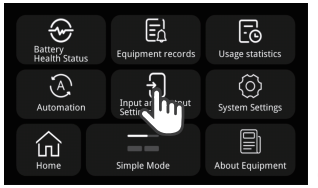
(Picture 4)

HOW TO OPERATE THE SETTING OF INPUT AND OUTPUT

Click "Menu" showed as **(Picture 1)**.
Then click "Input Output Settings" showed as **(Picture 2)**.

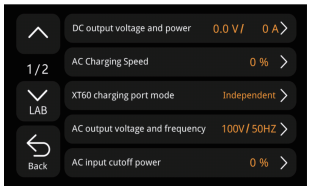


(Picture 1)



(Picture 2)

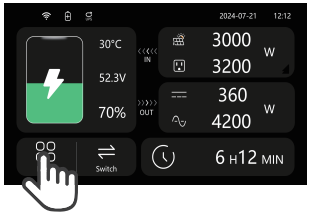
Click on each option to make corresponding settings as shown in **(Picture 3)**.



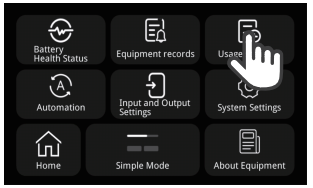
(Picture 3)

STATISTICS FEATURE OVERVIEW

Click "Menu" showed as **(Picture 1)**.
Then click "Usage statistics" showed as **(Picture 2)**.

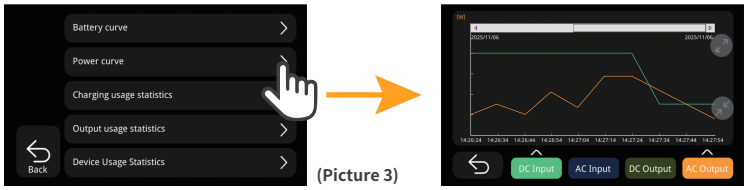


(Picture 1)



(Picture 2)

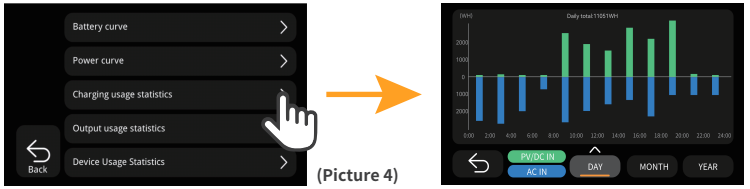
To view statistical data, click the ">" menu and select the corresponding statistics.
In the Power Statistics section, you can click the toolbar below to select the power curve display **(Picture 3)**, or use the buttons on the right to zoom in/out on the X-axis.



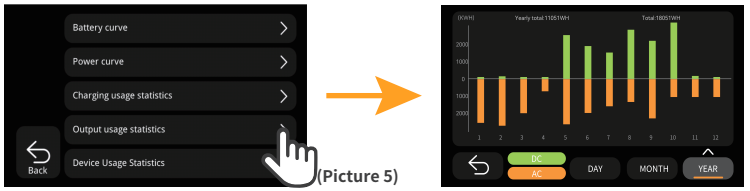
(Picture 3)

Note: Curve data is not retained after power-off and will be cleared upon device shutdown.
Recording duration is limited to the last 48 hours.

In the Input/Output Energy Statistics **(Picture 4/5)**, you can toggle between Day/Month/Year via the toolbar below. Day shows the last 24 hours, Month the last 31 days, and Year the last 12 months.
You can also click the progress bars in the table to view corresponding data.

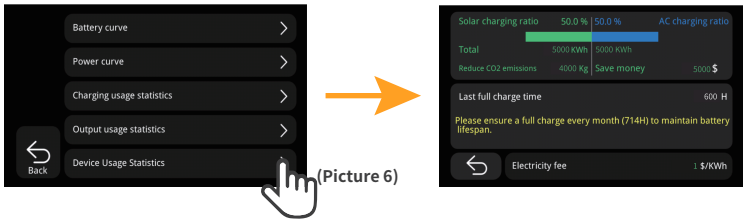


(Picture 4)



(Picture 5)

In the Device Usage Statistics, you can set the electricity cost and toggle the unit by clicking the cost button **(Picture 6)**.
Savings = Electricity cost × (DC/PV Input Energy). You can also view the estimated CO2 reduction, calculated as 0.8 kg saved per 1 kWh generated.

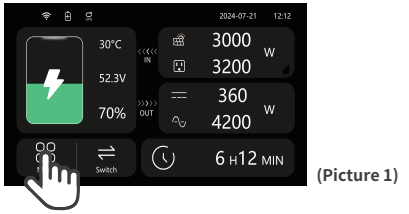


(Picture 6)

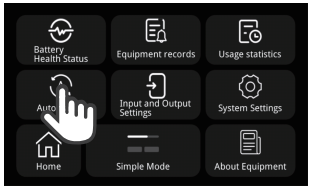
Note: This device is not a professional instrument.
Statistical data may have minor deviations and is for reference only.

AUTOMATION FEATURE OVERVIEW

Click "Menu" showed as **(Picture 1)**.
Then click "Automation" showed as **(Picture 2)**.



(Picture 1)

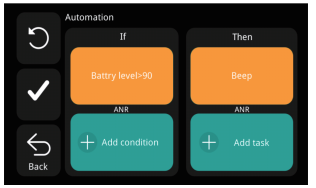


(Picture 2)

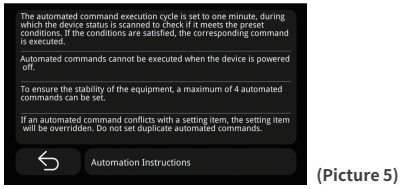
Click "+" to create up to 4 automation rules **(Picture 3)**. You can configure conditions and actions. Actions will execute automatically when conditions are met. Use "↺" to reset, "√" to save and exit **(Picture 4)**, and "?" for automation instructions. **(Picture 5)**.



(Picture 3)



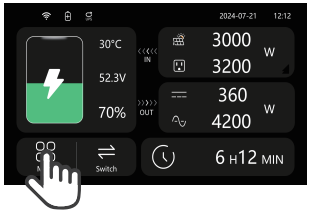
(Picture 4)



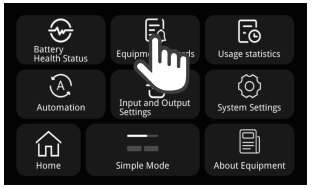
(Picture 5)

EVENT LOG FEATURE OVERVIEW

Click "Menu" showed as **(Picture 1)**.
Then click "Equipment records" showed as **(Picture 2)**.

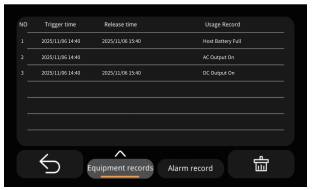


(Picture 1)



(Picture 2)

The device automatically logs: DC/AC input/output ON/OFF events, UPS status, ECO mode, Display Touch Lock, Host Battery at 100% or 1%, DC output >1000W, and AC output > 7200W **(Picture 3)**.

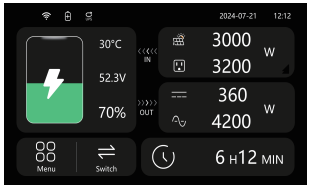


(Picture 3)

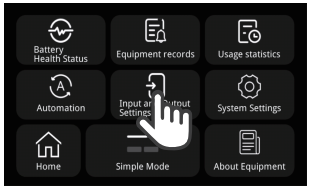
Note: The logging capacity is limited to 1,000 entries.
Older entries will be overwritten when the limit is reached.

BATTERY HEATING FUNCTION DESCRIPTION

The F5000 LFP supports the battery heating function.
Users can configure the battery heating mode according to their needs.
Click "Menu" showed as **(Picture 1)**.
Click "Input and Output Settings " showed as **(Picture 2)**.

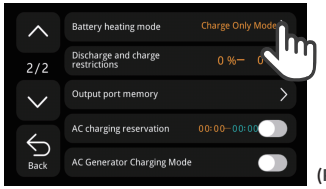


(Picture 1)

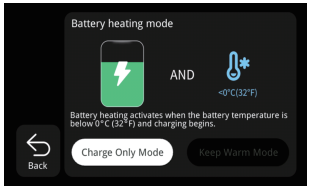


(Picture 2)

Page up/down by clicking "∧"/"∨" on the left side.
Then click "Battery heating mode" showed as **(Picture 3)**.



(Picture 3)

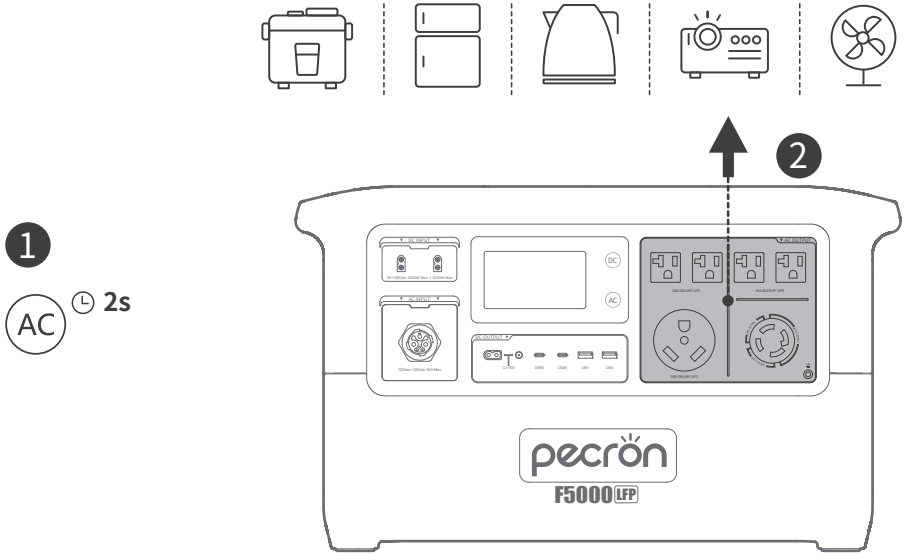


(Picture 4)

Charge-Only Mode **(Picture 4)**: The battery heating activates only when the battery temperature is below 0°C (32°F) and a charging source is connected. In this mode, the heater is powered entirely by the charging source.
Keep-Warm Mode **(Picture 4)**: After the unit is powered on, the battery heating activates automatically when the battery temperature falls below 5°C (41°F), ensuring continuous operation.
Note: In low-temperature environments, this mode will accelerate battery degradation.

Notes:
1: The temperature detection accuracy for the battery heating is ±3°C (5.4°F).
2: If the ambient temperature is extremely low, causing the battery temperature to drop below -20°C (-4°F), the device will be completely unable to activate battery heating.

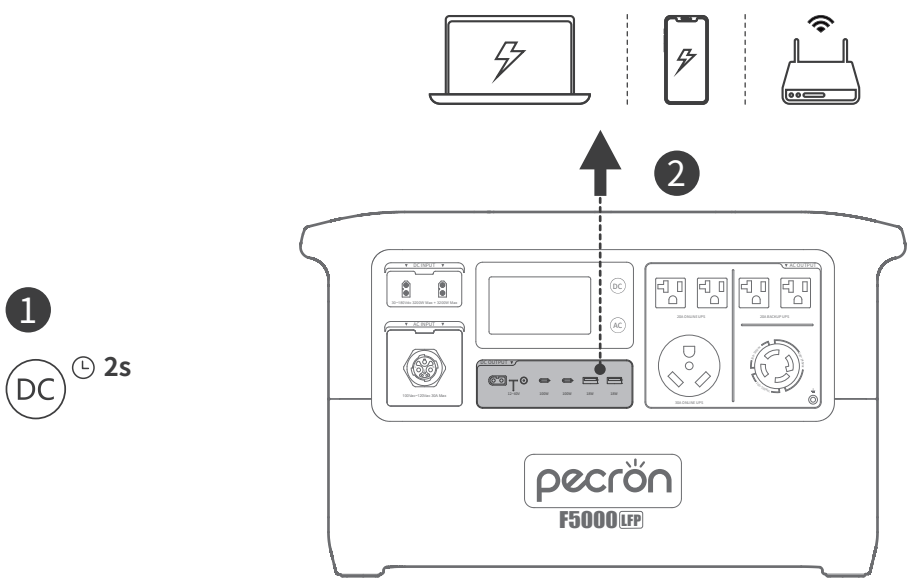
AC OUTPUT TO POWER THE DEVICE



1: In the power-on state, press and hold the AC button to turn on the power output of the corresponding interface area.
2: Connect the device to the AC output socket of the product.

A mild odor may be present during high-power output from internal electrical components, which is normal and will naturally dissipate with daily use.

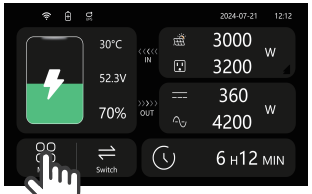
DC OUTPUT TO POWER THE DEVICE



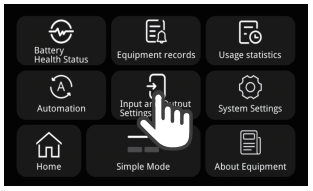
The portable power station can be used with other DC adapter cables (sold separately) to meet the charging needs of different types of devices through the DC output port.

The XT60-F and 5525 output ports support adjustable voltage.

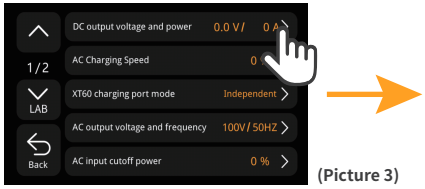
Configuration Path: Menu > Input/Output Settings > DC Output Voltage Settings.
Click "Menu" showed as **(Picture 1)**.
Click "Input Output Settings" showed as **(Picture 2)**.
Then click "DC output voltage and power" showed as **(Picture 3)**.

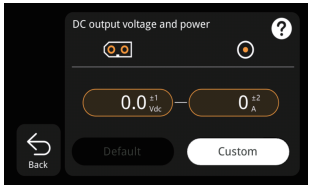


(Picture 1)



(Picture 2)





(Picture 3)

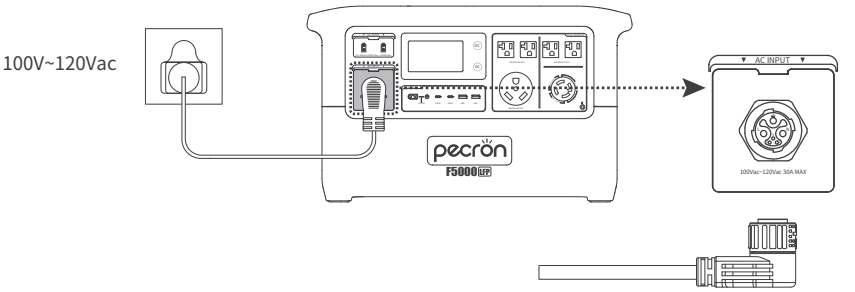
Important Notes for This Function:

1: This unit is not a precision instrument. The accuracy of both the set value and the sampled reading for voltage is ±1V, and for current is ±2A. Do not use if your connected device requires higher precision.

2: This device does not provide regulated DC output.
During operation, the output voltage will fluctuate with changes in load.

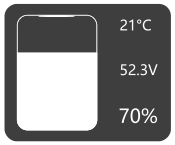
3: DC Output Specifications: The maximum sustained current is 25A at 15V.
For output voltages above 15V, the maximum current is 20A.

USING AC CHARGING

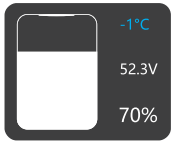


⚠
1: Please disconnect the mains power after charging is complete.
2: To extend the battery core life and improve the user experience, please avoid discharging the battery to an excessive level, which may damage the battery cores.
3: During charging, if the battery core temperature is too high or too low, the temperature alarm icon on the screen will flash. To ensure battery core life and safety, the charging power will decrease, which is a normal phenomenon.

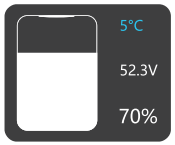
BATTERY TEMPERATURE INFORMATION



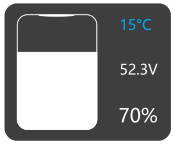
Normal Temperature Display



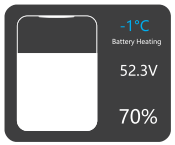
Low Temperature (Below 0°C/32°F) Protection: Charging is restricted.



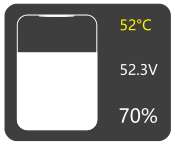
Charging Restriction: 0.2C
Applies when battery temperature is ⩾0°C (32°F) and <10°C (50°F).



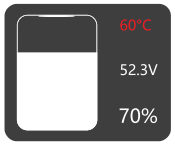
Charging Restriction: 0.5C
Applies when battery temperature is ⩾10°C (50°F) and <20°C (68°F).



Battery Heating Status Indicator



Charging Disabled
Applies when battery temperature is ⩾52°C (125.6°F).

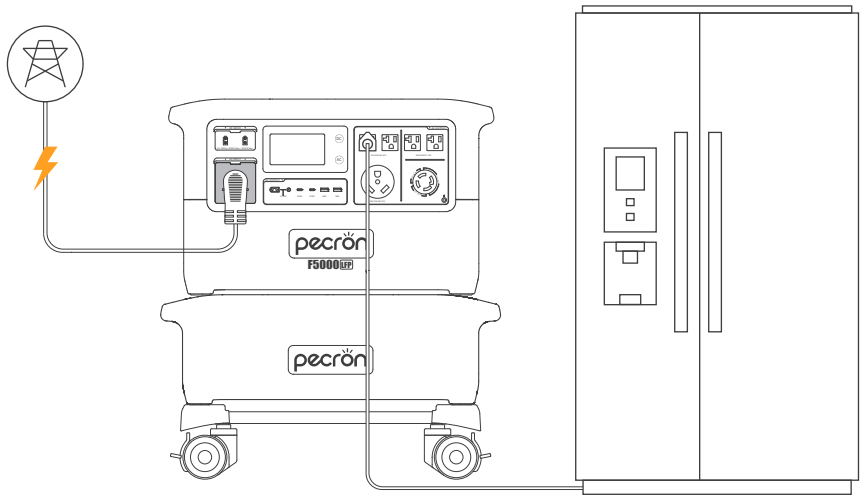


Output Disabled
Applies when battery temperature is ⩾60°C (140°F).

The C-rate is calculated based on total energy capacity.
Example: With one FP5000-48V Power Kit connected, a 0.2C limit translates to a maximum of 40Ah (0.2 * 200Ah). In this case, the approximate charging power is 2500W.

UPS FUNCTION

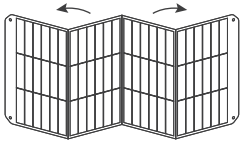
A UPS (Uninterruptible Power Supply) is a device or system designed to provide continuous power during a utility power interruption, protecting your electrical equipment from damage.
The PECRON F5000 LFP supports two UPS modes: Online UPS and Standby UPS.
Connect the unit to a wall outlet using the provided AC charging cable (see "Charging via Wall Outlet"). Simultaneously, connect your electrical equipment to the unit. Under this setup, your equipment will be powered by the utility grid, not by the unit's battery. In the event of a power outage, the unit will automatically supply power to your equipment using its stored energy. For equipment that requires 0ms transfer time, we recommend connecting it to an AC output socket configured for Online UPS mode to achieve uninterrupted power supply.



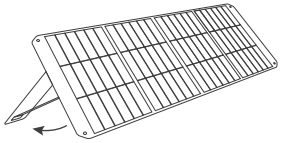
USING SOLAR PANELS CHARGING

Follow these steps

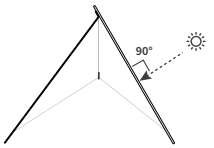
1: Unfold the solar panel and secure it using the bracket.



2: Adjust the bracket to change the angle of the solar panel to ensure it is directly aligned with the sunlight.

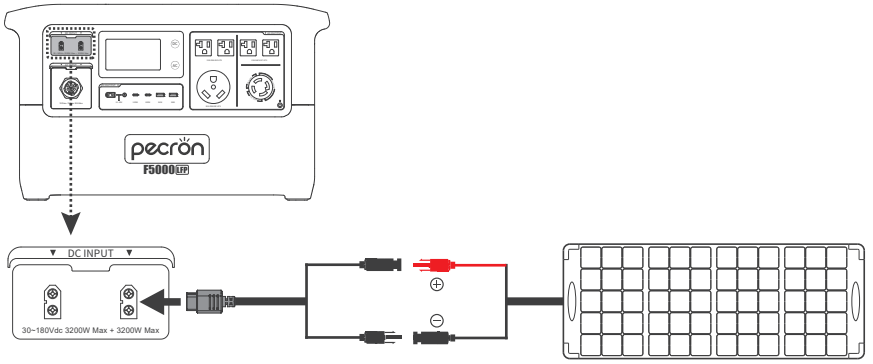


3: To improve solar charging efficiency, try to let sunlight vertically hit the solar panel and ensure there are no obstructions.

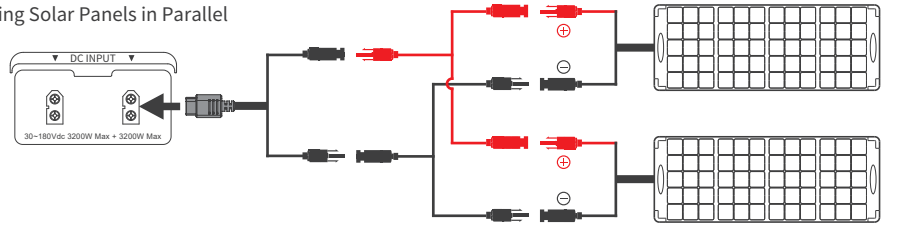


4: XT60 interface supports input voltage range of 30Vdc~180Vdc, maximum input power of 3200W，maximum current of 25A. When wired in series, the actual input voltage is the sum of all the connected solar panels, the total solar panels open-circuit voltage (Voc) must be less than 180V，and the operating voltage (Vmp) must be greater than 30V。

When wiring in parallel: the total solar current (Imp) should be close to the maximum input current (Imax) of the product interface.

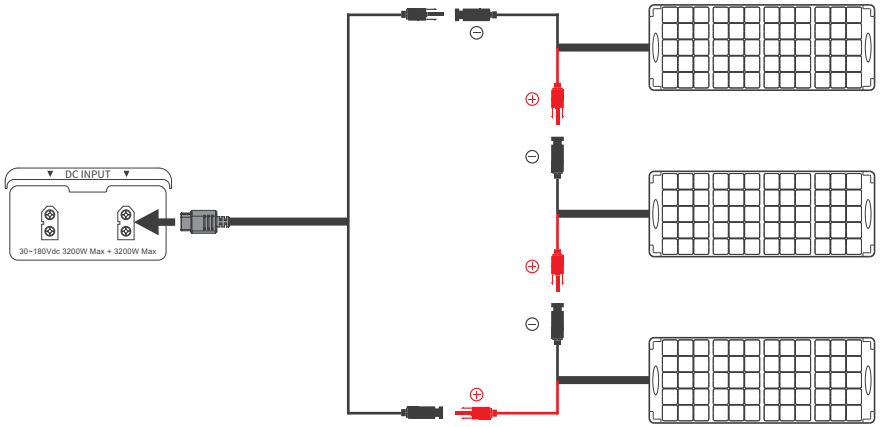


Using Solar Panels in Parallel



This parallel charging cable sold separately

Using Solar Panels in Series

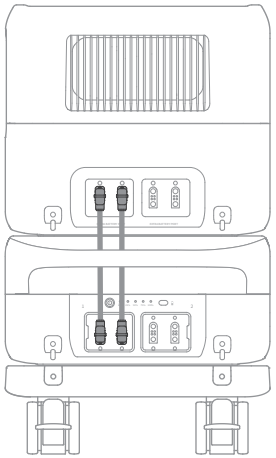


1: Do not mix different types of solar panels, as it may damage the unit.
2: PECRON solar panels are recommended to avoid damage to the adapter module and power supply.
3: When using solar charging, pay attention to avoid direct sunlight on the power supply and adapter module to prevent overheating and damage.
4: Be sure to clean the debris on the surface of the solar panel in time.
Partial shading on the solar panel will affect power generation efficiency.
5: Regularly clean the surface of the solar panel with a soft dry cloth dipped in water.

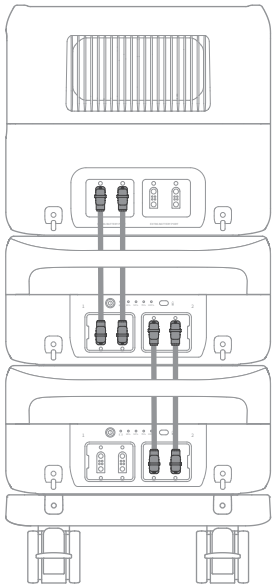
BATTERY EXPANSION PORT FUNCTION

The standalone unit has a battery capacity of 5 kWh. Due to battery C-rate limitations, the maximum charging power is restricted to 5800W when no external battery is connected.
You can connect an external battery (e.g., the FP5000-48V) to achieve the maximum charging power of 6400W.
Using the XT120 port on the right side of the unit and a cascade cable, you can connect up to six 48V Power Kits in cascade.
Do not use non-PECRON Power Kits! Using unauthorized batteries may damage the power supply.

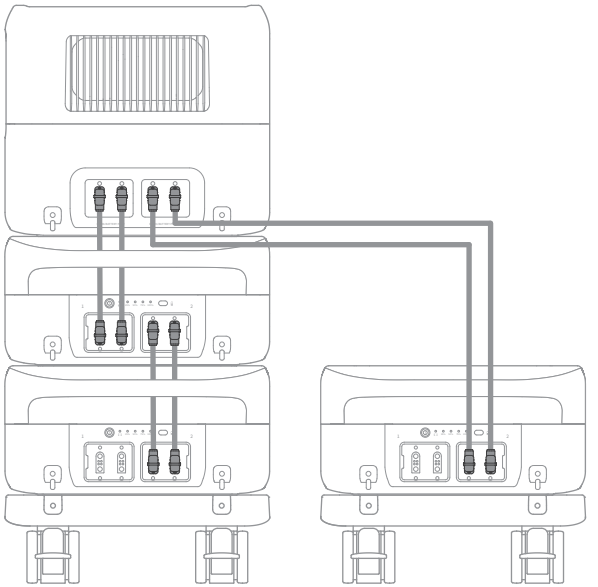
Cascade Connection Notes:
1: For faster cascade setup, ensure the charge levels of the main unit and the Power Kit are within 10% of each other prior to connection.
2: Using a single XT120 port for cascade connection may cause it to overheat and trigger thermal protection. For optimal performance and experience, please connect the Power Kits using the method illustrated in the diagram below.
3: Using MJ32 cascade port batteries (EP3000-48V/EP3800-48V) for battery expansion may cause the main unit's cascade port to overheat and trigger protection. For the best experience, it is recommended to use the FP5000-48V battery for expansion.



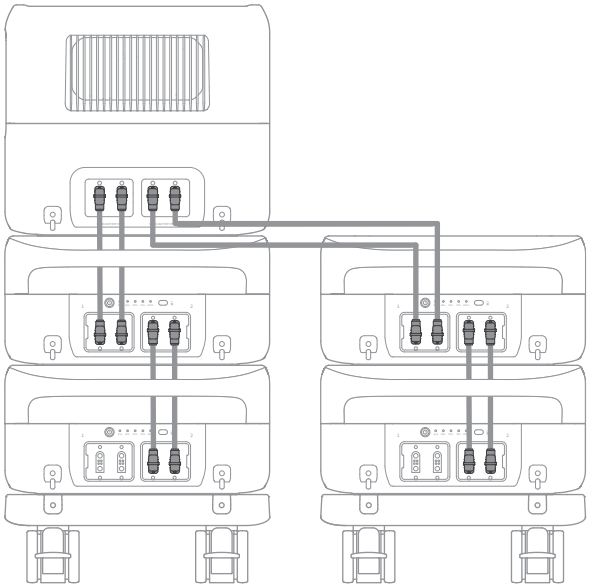
Cascade Connection for 1 Battery Unit



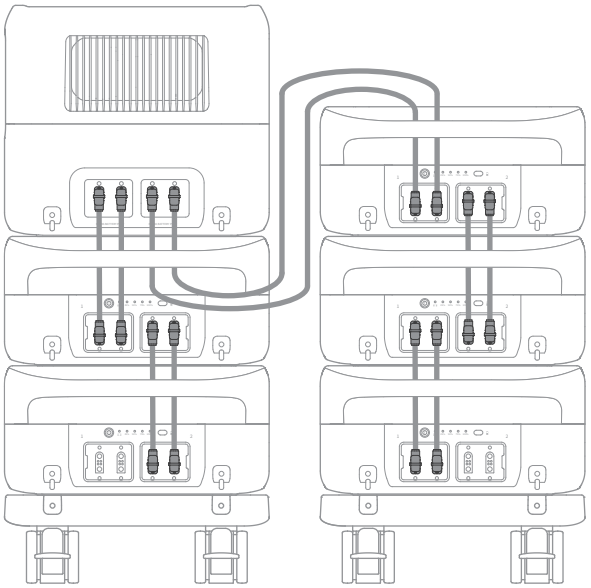
Cascade Connection for 2 Battery Units



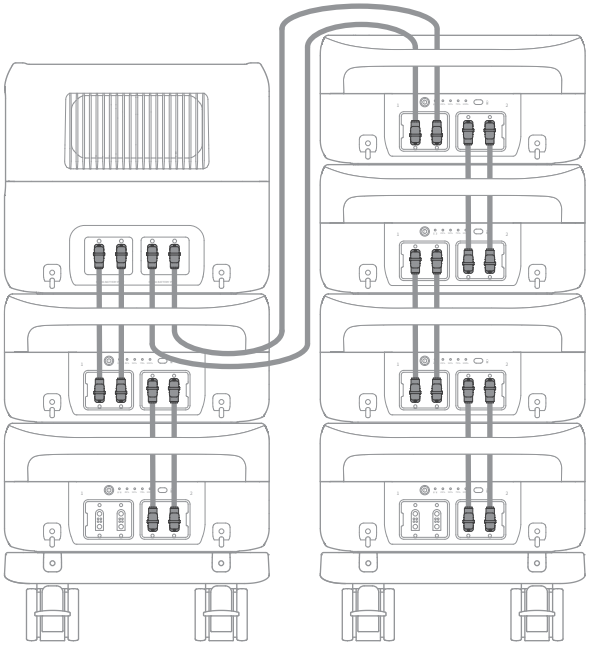
Cascade Connection for 3 Battery Units



Cascade Connection for 4 Battery Units



Cascade Connection for 5 Battery Units



Cascade Connection for 6 Battery Units

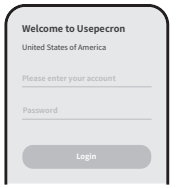
APP FUNCTION

You can connect to this product via the PECRON APP to view information, control the device, and make personalized settings.

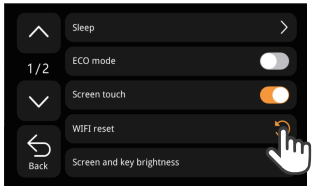
1: iPhone users can search for PECRON in the Apple Store to download and use.
Android users can search for PECRON on Google Play to download and use.



2: Register and log in to your account.



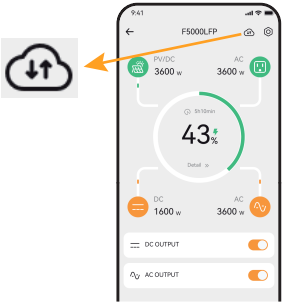
3: Reset the machine's Wi-Fi start pairing mode.



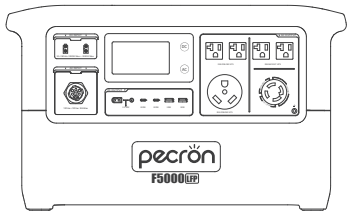
4: Use the APP to search for nearby devices and complete the connection.



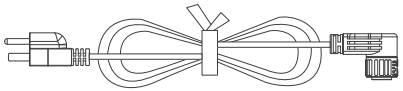
5: This product can be used directly via Bluetooth.
For remote control functionality, tap the Wi-Fi icon on the control panel to configure the Wi-Fi network (supports 2.4GHz Wi-Fi only).



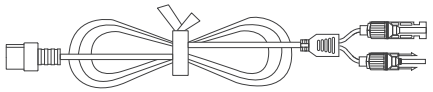
PACKING LIST



PECRON F5000 LFP *1



15A AC Cable *1



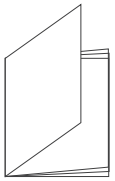
Single port XT60 to
MC4 solar charging cable *2



Slotted Screwdriver *2



Accessory Pouch *1



User Instruction *1

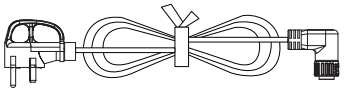
PRODUCT OPTIONAL ACCESSORIES



PECRON FP5000-48V



TF-320 Cart



30A AC cable

GET IT ON Google Play

Download on the App Store

More accessories can be
found in PECRON official website

COMMON ALARMS & SOLUTIONS

	FAULT TYPE	HANDLING SUGGESTION
01	Battery Pack Low Temperature	Battery temperature is too low. Please wait until the temperature rises above 0°C. It will automatically recover when the temperature increases.
02	Battery Pack High Temperature	Battery temperature is too high. Please wait until the temperature drops below 50°C. It will automatically recover when the temperature decreases.
03	Battery Pack Overvoltage	Please temporarily suspend charging or discharging. Check the load or charging equipment, and retry if no abnormalities are found.
04	Battery Pack Undervoltage	Please temporarily suspend charging or discharging. Check the load or charging equipment, and retry if no abnormalities are found.
05	Battery Pack Short Circuit	Please check if the cascade connection port (equipment connection port) is short-circuited.
06	Battery Pack Charging Overcurrent	Please suspend charging. If caused by overload or temperature rise, reduce the load and retry.
07	Battery Pack Discharging Overcurrent	Please suspend discharging. If caused by overload or temperature rise, reduce the load and retry.
08	Charging Board Input Overcurrent	Please stop DC charging. Check the specifications and ratings of the connected equipment.
09	Charging Board Input Overvoltage	Please stop DC charging. Check the specifications and ratings of the connected equipment.
10	Charging Board Output Overcurrent	Please stop DC output. Check the specifications and ratings of the connected equipment.
11	Charging Board Output Short Circuit	Please stop DC output. Check the specifications and ratings of the connected equipment.
12	Charging Board Input Undervoltage	DC input voltage is insufficient. Please increase the input voltage to the specified range and retry.
13	Charging Board Overtemperature	Please temporarily suspend DC charging. Check if the charging equipment or cables are abnormal.
14	DC Output Short Circuit	Please check if the external wiring on the DC output side is short-circuited. If the error reappears immediately after turning on the output, there may be an internal fault. Please contact PECRON.
15	DC Output Overvoltage	Please stop output. Confirm whether the connected load is appropriate. If the shutdown persists, please contact PECRON.
16	DC Output Overcurrent	Please stop output. Confirm whether the connected load is appropriate. If the shutdown persists, please contact PECRON.
17	DC Output Overtemperature	Please stop output. Confirm whether the connected load is appropriate. If the shutdown persists, please contact PECRON.
18	Mains Voltage Abnormality	This may be due to inverter failure or abnormal AC charging voltage. Please stop using and contact PECRON.
19	Mains Frequency Abnormality	Output frequency is abnormal. This may be due to inverter failure. Please stop using and contact PECRON.
20	Mains Input Overload	Please stop charging. Retry charging after the abnormality is resolved.

	FAULT TYPE	HANDLING SUGGESTION
21	Inverter Output Overload	Output has stopped. This load cannot be used. Please confirm the load rating.
22	Inverter Output Short Circuit	Please check if the output socket is short-circuited. If abnormalities are found, please stop using.
23	Inverter Overtemperature	Output has stopped. Please place the device in a cool, dry location and allow sufficient heat dissipation.
24	Main Unit XT120 Cascade Port Overheating	Wait for it to cool down.

FAQS

1: What kind of battery is used in F5000 LFP? How long it can last?

F5000 LFP utilizes high quality UL certified automotive LiFePO4 battery, it can retain 80% of its original capacity at 4000 complete charge cycles.

2: What devices can F5000 LFP power?

Please note that the AC output port can only charge or power devices that operate at less than 7200W. DC output port can only charge or power that operate at less than 12V-10A.

3: Can the F5000 LFP be used as UPS?

UPS Function Support: Features one UPS output with a transfer time of 8-20ms, and one Online UPS output with 0ms transfer time.

4: How to calculate the F5000 LFP running time?

To estimate the operation time of the F5000 LFP, consider the load you're applying:

Operation time = Battery Capacity (Wh) x DoD x n ÷ (Load Power + F5000 LFP Self-con-sumption)

Note: DoD is the depth of discharge. n is the conversion efficiency of the inverter, which is typically over 93% for the F5000 LFP. The self-consumption power of the F5000 LFP is approximately 30W.

Operation time = 5120Wh x 95% x 93% ÷ (40W + 30W) ≈ 64.6 hours.

Please keep in mind that the estimated operation time provided is for referencepurposes and may vary based on actual usage conditions. Factors such as lowtemperature and excessive loads can sianificantly affect the battery capacity, leading toa reduction in the average operation time.

5: Can the F5000 LFP be charged while discharging?

Yes, It can be charged and discharged at the same time. Under the non-UPS state, if uninterrupted use is required, the average power of charging must be greater than the average power of electricity, otherwise the battery will eventually run out and shut down.

6: Does F5000 LFP have built-in MPPT charge controller?

Yes. There are two independent built-in MPPT charge controllers.

Each supports 30~180V (max 3200W) via the "XT60" ports.

7: Other issues to be noted.

Pay attention to the ponit that the product is without waterproof function and prevent water getting into it.

Pay attention to ventilation and heat dissipation when using, and keep good ventilation at the air inlet and outlet of the product.

Do not use the product in special occasions (under the mine, gas station, etc.)

MAINTENANCE AND CARE

1. Store the device in an environment with a temperature range of -20°C (-4°F) to 45°C (113°F). The recommended temperature range is approximately 0°C (32°F) to 30°C (86°F) to maintain battery health.
2. Store the product in a dry, cool, well-ventilated, and safe areas to reduce the risk of falls.
3. Ensure the device is kept away from water sources, heat sources, strong magnetic fields, corrosive gas environments, and any flammable or explosive substances.
4. Fully charge the device at least once every two months. Prolonged periods without a full charge may result in inaccurate battery levels and reduced battery consistency.
5. If storing the product long-term, please ensure to perform a charge and discharge cycle (fully charge, then discharge to 60% for storage) every three months to maintain battery health.
6. Do not leave the device uncharged or unused for more than 6 months. Otherwise, the warranty will be void.
7. If the power interface is dirty, please clean it with a dry cloth. Do not use alcohol or other flammable agents for cleaning.
8. Do not disassemble or modify this product on your own.

DISCLAIMER

Please read the user manual thoroughly before using this product, and keep this manual in a safe place for future reference. Failure to follow the instructions for proper set up, use, and care for the device can increase the risk of serious personal injury, death, or property damage. Once you use this device, you are deemed to have understood, recognized and accepted all terms and contents of this document. The user shall be responsible for his own actions and all consequences arising from failure to use the device in accordance with the “User Manual”, or as authorized in PECRON's current product literature.

In compliance with laws and regulations, PECRON reserves all rights for final explanation, and to change these terms and conditions at any time without prior notice. In the event that any revisions are made, the revised terms and conditions shall be posted on our website immediately, please visit our website to inform yourself of any changes.

WARNING

1. Do not place this product near heat sources, such as open flames or heating furnaces, while it is in operation.
2. Do not allow this product to come into contact with any liquids. Do not submerge it in water or expose it to moisture. Do not use this product in the rain or in damp environments.
3. Do not use this product in environments with strong static electricity or magnetic fields.
4. Do not disassemble this product or puncture it with sharp objects in any way.
5. Do not cause a short circuit in this product using wires or other metal objects.
6. Do not use this product to directly start a vehicle; it is only intended for charging vehicle batteries.

7. Do not use non-official parts or accessories. If replacement is needed, please contact PECRON Baikelong's official sales channels for purchase information.
8. When using this product, strictly adhere to the operating temperature specified in this user manual. Excessively high temperatures may cause the battery to catch fire or even explode; excessively low temperatures may significantly reduce product performance or render it unusable.
9. Do not place heavy objects on top of this product.
10. Do not force the fan to stop spinning during use, or expose the product to poorly ventilated or dusty environments.
11. Avoid impacts, drops, or severe vibrations. If the product is subjected to severe external force, immediately turn off the power and cease use. Secure the product during transportation to prevent vibrations and impacts.
12. If the product accidentally falls into water during use, place it in a safe, open area and keep it away from the product until it is completely dry. The dried product must not be reused and should be disposed of properly according to the disposal section of this document. If the product catches fire, use fire extinguishing equipment in the following recommended order: water or water mist, sand, fire blanket, dry powder, or carbon dioxide fire extinguisher.
13. If the product's interfaces are dirty, clean them with a dry cloth.
14. Handle the product carefully to prevent it from tipping over and causing damage. If the product tips over and suffers severe damage, immediately shut it down, place the battery in an open area away from flammable materials and people, and dispose of it in accordance with local laws and regulations.
15. Store the product in a location inaccessible to children and pets.

DISPOSAL

1. When conditions permit, please ensure that the battery in this product is completely discharged before placing the product in the designated battery recycling bin. This product contains a battery, which is a kind of hazardous chemical. It is strictly prohibited to dispose of it in a regular rubbish bin. For further details, please follow the local laws and regulations regarding battery recycling and disposal.
2. If the battery cannot be fully discharged due to a malfunction of this product, do not dispose of the battery directly in the battery recycling bin. Instead, contact a professional battery recycling company for further handling.
3. Batteries that have been over-discharged will not be able to start. Please dispose of them as waste.

EXCLUSIONS

PECRON’s warranty does not apply to：

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