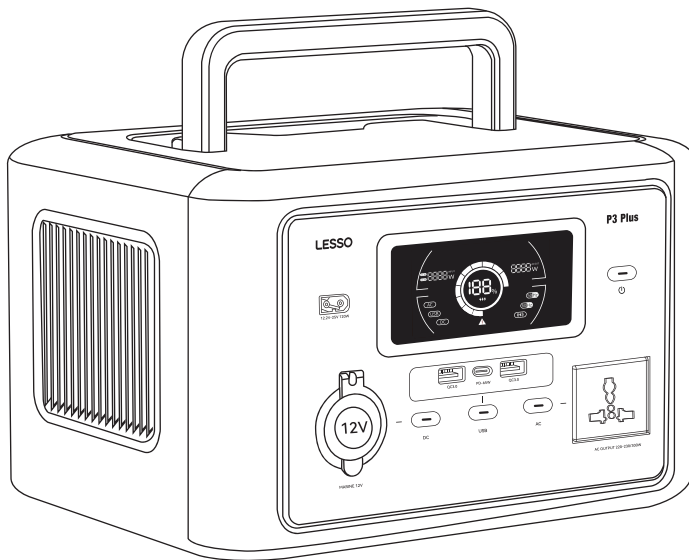


LESSO Energy Storage Power - User Guide


















P3 Plus
PORTABLE POWER
STATIONS


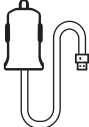
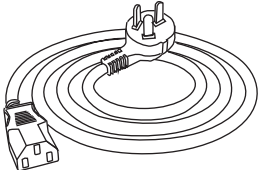
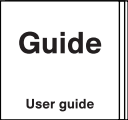
 AC 220V 50/60Hz input

 300W/378Wh

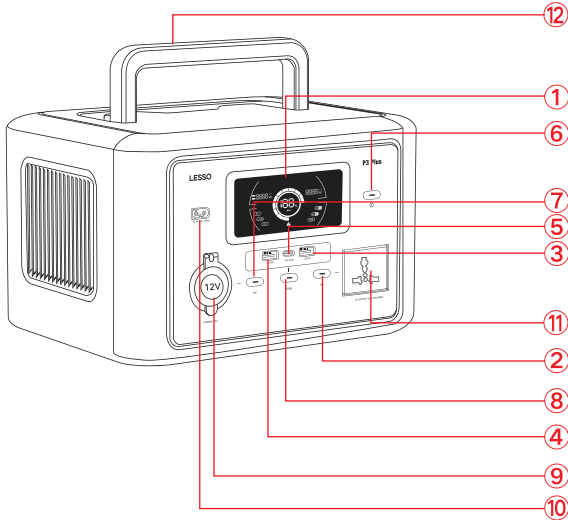
Technical parameter

							
Battery capacity	Weight	Dimension	USB-C port	Car charger output port	Solar input	AC output port	USB output port
378Wh	5.3kg	280*210*170mm	PD-65W*1	12V $\overline{=}$ 8.3A 100W	12.2V-25V 120W (MAX)	220V/1.36A 50Hz/60Hz	QC18W*1 (Fast charge)

						
Battery	Cycle number	Service temperature	Charging temperature	Protection system	Quality guarantee	Certificate
Lithium iron phosphate	≥ 2000	-10~40°C	0~40°C	Overcharge protection, Overdischarge protection, Over current protection, Over temperature protection, Short circuit protection, Overvoltage protection, etc	1 year	UN38.3PSEMSDS

			
Energy storage power supply	Car charging cable	Charging cable	Operation guide

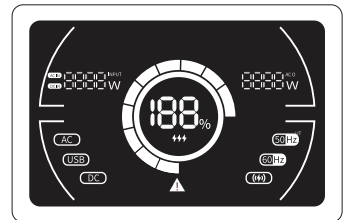
Function panel description



- ① Super smart digital display screen
- ② AC button (When AC is off, hold down AC+ main switch for 3 seconds to switch frequency)
- ③ QC3.0
- ④ QC3.0
- ⑤ PD3.0 65W output
- ⑥ Main switch (long press 3 seconds to turn on, long press 3 seconds to turn off)
- ⑦ DC key
- ⑧ USB output key
- ⑨ 12V car charger outlet
- ⑩ XT60 charging interface, support MPPT solar charging
- ⑪ 220V output interface
- ⑫ Collapsible handle

ICONS work to indicate the description

	The device is faulty and needs to be powered off and restarted
	AC output power
	Input Power (AC/DC)
	Output frequency 50Hz
	Output frequency 60Hz
	AC output operation
	USB output work
	DC output work
	Wireless output operation
	Cooling fan operation



Precautions for use

1. After pressing the ⑥ button, the screen will light up, and the backlight will automatically turn off after about 60 seconds.
2. ②⑦⑧ After pressing the key, the output port is opened to power the corresponding device.
3. When the power output port is not in use, press the ②⑦⑧ button to turn it off to save power.
4. Low temperature may affect the battery capacity of the product. The product can be charged in the temperature range of 0~40°C, and the device can be used in the temperature range of -10~40°C.
5. It is recommended that the product be fully charged for the first time to avoid the inconvenience caused by insufficient power. After the device is fully charged and the charging power cable is removed, the fan continues to work for about two minutes to dissipate heat. The specific time may vary with the temperature in the scenario. When the fan is working, pay attention to preventing dust particles or foreign bodies from being sucked into the device.
6. After the discharge is terminated, the fan of the device will continue to work to reduce the device temperature to reach a reasonable temperature, the specific time is about 30 minutes (the specific time may change with the scene temperature).
7. During the charging and discharging process, please connect the device to the charging and discharging device, and then start the charging and discharging. Otherwise there may be a spark.

Charging mode

Before using or storing the product, the LCD screen will display the current charging ratio and charging power. When the LCD screen displays 100% of the battery, it means full. This charging process takes about 4 hours. You can view the current battery on the LCD screen.



Charging
cable approx. 4 hours (Fast charge)



Generator generation
using standard charger about 4 hours (Fast charge)



120W solar PV panel about 4 hours

(The charging time is determined by the solar light intensity)
Support solar photovoltaic panel MPPT function charging (12.2V-25V)

The above date comes from the laboratory, the test date may vary due to the use of the environment, the use of the method and other factors, the charging time will be different, the test data is for reference only.

Energy Storage Power User Guide

Fault phenomenon	Troubleshooting	Solution
Product cannot be charged	1. Is the mains in good contact with the device?	Check whether the charging cable, product and mains contact is good?
	2. Good contact, but the device display is not bright.	Check all contacts are good?
	3. Whether the temperature is too high or too low, and whether the voltage matches.	Check whether the voltage is matched and wait for cooling or heating.
Product no output	1. The cable between the device and the product is not properly inserted.	Connect the device to the product well.
	2. The switch of the output port is disabled.	Turn on the port output switch, and the display prompts.
	3. Low power.	Charge the product.
	4. After exclusion according to the above point 1.2.3, there is still no output.	Product bad, contact after-sales treatment.
Broken tape device output	1. The nominal power or instantaneous starting power of the equipment used is greater than the power of the product.	Choose more powerful products, or replace matching equipment.
	2. An interruption occurs in the middle of the process and a prompt tone is played.	Check whether the temperature of the product is too high, which automatically triggers the interrupt protection.
	3. After the exclusion according to the above 1.2 points, the output will still be closed.	Product bad, contact after-sales treatment.

Warnings and precautions

Basic precautions should always be followed when using this product, including:

- a. Please read all instructions before using this product.
- b. To reduce the risk, close supervision is required when using this product near children.
- c. The use of accessories recommended or sold by non-professional product manufacturers may lead to the risk of electric shock.
- d. When the product is not in use, please pull the power plug out of the product socket.
- e. It is forbidden to disassemble the product, which may lead to unpredictable risks such as fire, explosion or electric shock.
- f. Do not use damaged wires or plugs, or damaged output cables to use the product, there is risk of electric shock.
- g. Please charge the product in a well-ventilated area and do not restrict the ventilation of the product in any way.
- h. Please put the product in a ventilated and dry place to avoid getting wet from rain. There is a risk of electric shock if the product enters the water.
- i. It is forbidden to expose the product to fire of temperatures higher than 130°C, which may lead to fire, explosion and other safety accidents.
- j. Do not use or place the product at high temperatures (directly heated sunlight or in a very hot car), otherwise it may cause the internal battery to overheat, fire of function failure, shortened life and other risks.
- k. Please charge the product every three months to prevent insufficient power during use.

Q&A

1. Can I bring the product on the plane?

No, because this product is a lithium battery product, according to the international air transport standard regulations, lithium battery products can not exceed 100Wh.

2. The power of the device is within the rated output power range of the product but cannot be used?

- a. The product electricity is less than 20%; Need to replenish the power.
- b. Some equipment starts greater than the peak power of the product, or the nominal power of the equipment is greater than the actual power of the product; Higher power products are recommended.

3. Why is there sound when using?

The product adopts air cooling system, built-in fan to better help the product heat dissipation, and slight noise is normal during use.

4. Does the charger heat properly when charging?

It is normal for the charger to heat up when charging, and the standard charger meets the national safety standards, so you can use it with confidence!

5. When the AC switch is turned on, the output power is displayed, because the inverter is already working.

6. When the power of this product is exhausted, please let it stand for 30 minutes before charging, so as to ensure the voltage rebound process.

7. The internal protection system automatically starts the protection program when the temperature is too high due to high power or prolonged use. In this case, shut down the device and wait for the temperature to decrease, or reduce the power of the loaded device (that is, use a low-power device).

Warranty and contact information

To assure the user that under normal use of the product, there will be no defects that affect the use of the product due to the process and material; This warranty statement sets out the full and exclusive warranty obligations of the products, and we do not delegate or authorize anyone to assume any other liability for us in connection with the products we sell.

Warranty Period: The warranty period of the product is 1 year. In all cases, the warranty period starts from the date of purchase by the consumer, and in order to determine the start date of the warranty period, proof of purchase by the consumer or other reasonable documentation is required.

The following circumstances are not covered by the warranty:

1. The appearance of the product is damaged after use;
2. Non-staff unauthorized disassembly, maintenance;
3. Product performance failure due to human causes;
4. Damage caused by natural disasters, lightning, accidents and other irresistible factors.

How to obtain warranty service please contact your local dealer or purchasing channel.

Energy Storage Power User Guide

**Certificate of
conformity**

Inspector: QC pass

**Date of
inspector:** _____