

# LESSO

## P10 Portable Energy Storage



**MPPT** Solar Energy Charging  
Maximum Power Point Tracking


















AC 230V 50/60HZ INPUT


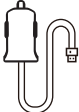
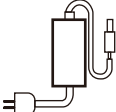



1200W/ 1008Wh

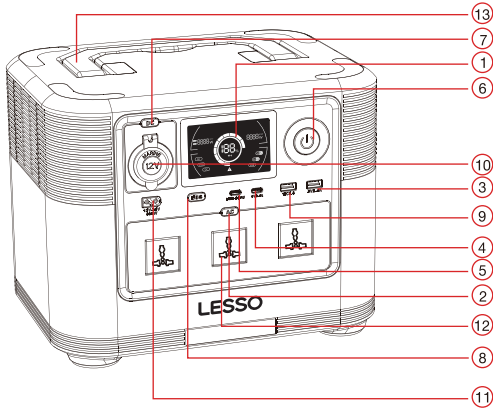
## Technical Parameter

							
Battery Capacity	Weight	Size	USB-C Output Port	Vehicle Charging Output Port	Solar Energy	AC Output Port	USB Output Port
Battery Capacity :1008Wh	Weight 12KG	290*220*230mm	PD-65W*1 5V2.4A*1	12V= 8.3A 100W	12V-30V 200W(MAX)	230V/ 5.3A 50Hz/ 60Hz	5V2.4A*1 QC18W*1

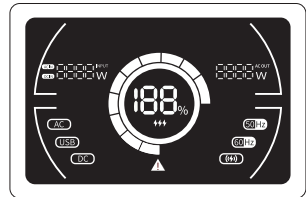
						
Battery	Battery Cycle	Work Temperature	Charging Temperature	Protection System	Warranty	Certificate
Lithium iron phosphate	≥2000	-10~40°C	0~40°C	Overcharge protection / Over discharge protection Over current protection / Over temperature protection Short circuit protection / Overvoltage protection, etc	1 year	CE/ UL UN38.3 PSE MSDS

			
Outdoor Power	Car Charging Line	Charger	User Guide

# Function Panel Description



- |   |  |
|---|--|
| ① LCD Screen  | ⑧ USB Output Switch                                |
| ② AC Switch   | ⑨ QC3.0 18W Output                                 |
| ③ 5V/ 2.4A Quick Charge   | ⑩ 12V Car Discharging                              |
| ④ 5V/ 2.4A Quick Charge   | ⑪ DC Charging<br>It can be charged by solar energy |
| ⑤ USB-C 65W   | ⑫ 230V Output                                      |
| ⑥ Press and hold for 3 seconds to turn on, press and hold for 3 seconds to turn off | ⑬ Portable Handle                                  |
| ⑦ DC Switch   |  |



## Description of icon work

	Equipment failure, please restart
	AC Output Power
	Output Power (AC/DC)
	Output Frequency 50Hz
	Output Frequency 60Hz
	AC working indicator
	USB working indicator
	DC working indicator
	Wireless charging working
	Cooling Fan working

## Precautions For Use

1. ⑥After pressing the button for 3 seconds, the screen lights up, about 60 seconds after the screen backlight automatically closed.
2. When ②⑦⑧the button is pressed, the output port is turned on to power the device.
3. When the power output port is not used, 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, in the temperature range of-10 ~ 40°C for equipment use.
5. The first use of the product is recommended to be fully charged, to avoid the lack of power to your use of inconvenience, After the device is fully charged, the fan will continue to work for about 2 minutes after the charging power cord is unplugged, which is used for cooling the device (the specific time may vary with the scene temperature) , pay attention to prevent dust particles or foreign matter from being inhaled into the equipment, otherwise it will easily lead to internal equipment damage.
6. After the discharge is terminated, the device fan will continue to work to reduce the device temperature to a reasonable temperature for about 30 minutes (the time may vary with the scene temperature) .
7. During the charging and discharging process, please connect the device with the charging and discharging device, then turn on the charging and discharging. Otherwise, there might be a spark.

## Charging Mode

Before using or storing the product, please use the charger to charge the product. When charging, the indicator light is blue. The LED screen will display the current charging ratio and charging power. When the LED screen shows 100% power, it means full charge. The charging process is about 5 hours. The current power can be viewed through the LED screen.



Standard charger,  
about 5 hours

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Car charger,  
about 5hours

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200W solar photovoltaic panel,  
about 5 hours.

(the charging time is determined by the intensity of sunlight). Support solar photovoltaic panel MPPT function charging(12-30 V)

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The above data are from the laboratory. The test data may vary due to the use environment, use method and other factors, and the charging time will be different.

Fault Phenomenon	Troubleshooting	Solutions
The product cannot be charged	1. The charger and product are not in good contact with the mains power supply (the charging indicator is not on at this time).	Check whether the charger and product are in good contact with the mains power.
	2. The contact is good, but the charging indicator is not on.	If the charger is broken, please contact after-sales service.
	3. If the charging indicator light is on, it still can't be charged.	If the product is broken, please contact after-sales service.
The product has no output	1. The connection line between the equipment and the product is not plugged in properly.	Make the equipment well connected with the product.
	2. The output port switch is not turned on.	Turn on the port output switch, and the indicator
	3. Low power consumption.	Charging the product.
	4. There is no output after eliminating according to 1.2.3 above.	If the product is broken, contact the after-sales
With device output interrupt	1. The nominal power or instantaneous starting power of the equipment used is greater than the power of the product.	Select higher power energy storage products.
	2. If the equipment used is short circuited, an alarm symbol will appear on the display screen, an alarm sound will be sent, and the product will automatically turn off the output within 15 seconds	It is not a product problem. It is recommended to replace the equipment.
	3. The output will still be turned off after removing according	If the product is broken, contact the after-sales

## Warnings And Precautions

When using this product, you should always follow the basic precautions, including:

- a. Please read all instructions before using this product.
- b. In order 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 dismantle 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, which may cause electric shock.
- g. Please charge the product in a well ventilated place. Do not restrict the ventilation of the product in any way.
- h. Please put the product in a well ventilated and dry place to avoid the risk of electric shock due to water intrusion.
- i. It is forbidden to expose the product to fire or temperature higher than 130°C, which may lead to fire, explosion and other safety accidents.
- j. It is forbidden to use or place the product under high temperature (direct hot sunshine or hot car interior), otherwise the internal battery may overheat, catch fire or function failure, shorten the service life and other risks.
- k. Please charge the product every three months to prevent the battery from running out.
- l. Attention: Do not touch or have any contacts with the metal parts of the AC socket and plug.

## FAQ

1. Can the product be brought on the plane?

No, because this product is a lithium battery product, according to international air transportation standards, the lithium battery product cannot exceed 100Wh.

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

a. The product low battery is less than 20%; The battery needs to be recharged

b. The startup of some equipment is greater than the peak power of the product, or the nominal power of the equipment is greater than the actual power of the product; it is recommended to choose our higher power product.

3. Why is there a sound when using it?

The product adopts an air-cooling system, and the built-in fan can help the product to dissipate heat better, it is normal to have a slight noise when using it.

4. Is it normal for the charger to heat up when charging?

It is normal for the charger to heat up during charging. The standard charger conforms to national safety standards, so you can use it with confidence!

5. When the AC switch is turned on, the output will show the watt level, because the inverter has been turned on to work.

6. When the battery of this product is exhausted, please let it stand for 30 minutes before charging to ensure the process of voltage recovery.

7. When using high power, or long-term use causes the temperature to be too high the internal protection system will automatically start the protection program. In this time, please turn off the device, stand still, wait for the temperature to drop, or reduce the power of the load device (or use low-power devices).



## Warranty And Contact Information

Guarantee to the user that under the normal use of the product, there will be no defects affecting the use of the product due to the process and materials; This warranty statement sets forth the full and exclusive warranty obligations of the products, and we will not assign or authorize anyone to assume any other responsibilities for us in connection with the products we sell.

### Defects liability period

The warranty period is one year. In all cases, the warranty period starts from the date of purchase by the consumer. In order to determine the starting date of the warranty period, it is necessary to provide the consumer's purchase invoice or other reasonable documentary.

The following conditions are not covered by the warranty

1. The appearance of the product is damaged after use;
2. Disassembly and repair by non staff members without permission;
3. Product performance failure caused by human factors;
4. Damage caused by irresistible factors such as natural disasters, lightning and accidents.

How to get warranty service, Contact your local dealer or brand.

Please note that this one-year warranty is a voluntary manufacturer's warranty and the legal warranty period for the product may vary depending on your location. This one-year warranty provides rights in addition and separate to, not instead of, legal statutory rights of consumers provided by applicable law, including but not limited to those relating to non-conforming goods, and it does not exclude, limit or suspend a consumer's rights arising from applicable law. Please consult the laws of your country for a full understanding of your rights.

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## **Certificate of Quality**

Quality Inspector: \_\_\_\_\_

Production Date: \_\_\_\_\_

The product is tested by our quality control and quality assurance department, is in line with the product standards and specified technical requirements and is ready to be shipped.

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# LESSO

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