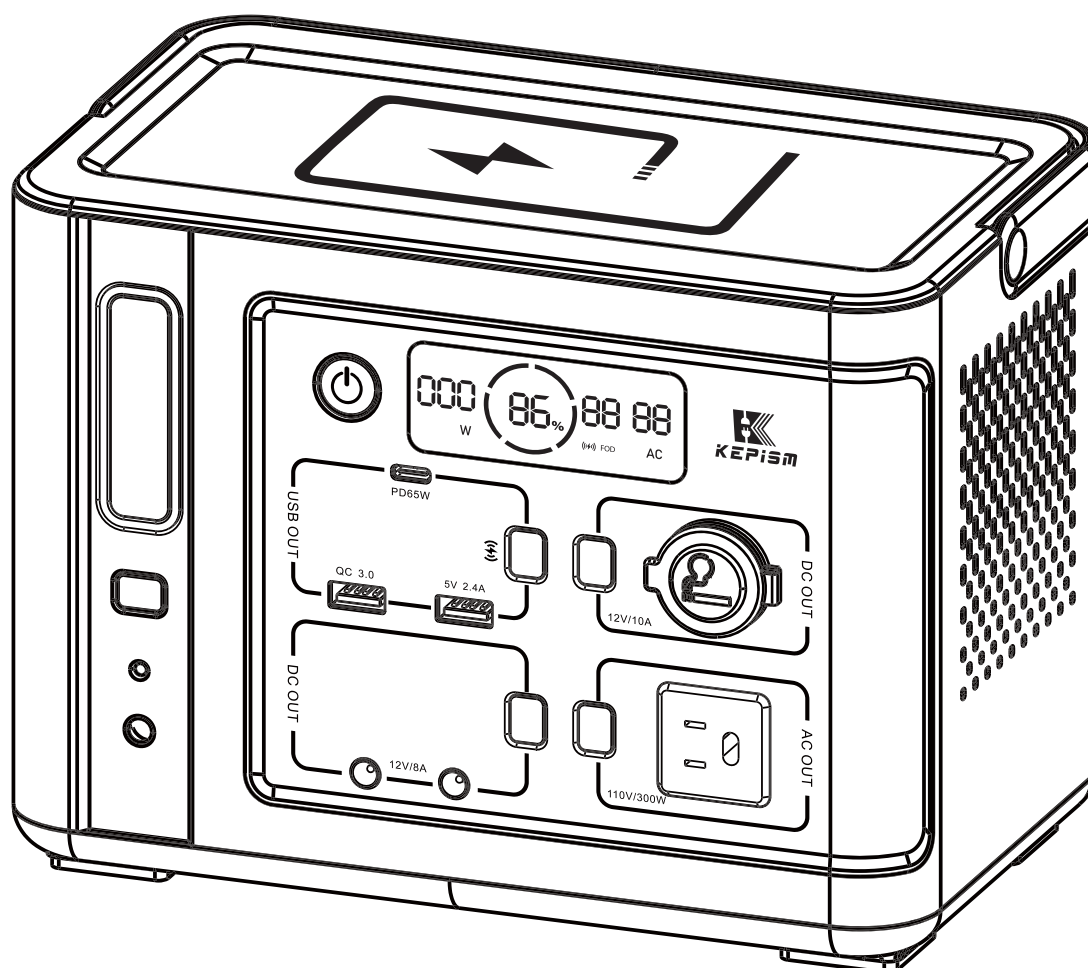


300W PORTABLE POWER STATION INSTRUCTION MANUAL



MODEL NUMBER: KP-300

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I Product Overview

This product is a portable power station, with a variety of DC output power supply ports. It includes also one AC 110V, one type-C, and one QC3.0 output port with fast charging function. These ports can easily meet the needs of your daily life. This portable power station uses advanced chip technology to support PD fast charging protocols for various digital devices, which can fully charge these devices very quickly. Whether it is a power outage or outdoor activities, this portable power station let you say goodbye to the trouble of power failure.

The portable power station supports a variety of charging modes, whether at home, during driving, or by solar charging (requires matching solar charging panels and the corresponding power supply), you can charge the portable power station at any time. This high-power portable power station saves you from the inconvenience of power outages.

II Technical Parameters

Ports and Accessories:

No	Names	Parameters	Quantity	Notes
1	USB-A	5V 2.4A Max	1	
2	Type-C PD65W	One-way PD protocol (MAX 65W) 5V, 9V, 12V, 15V, 20V	1	
3	USB QC3.0	QC2.0/3.0 protocol (MAX 24W) 5V, 9V, 12V	1	
4	DC 5521 Output	The maximum power of two ports connected in parallel is 12V*8A=96W	2	The maximum power of a single port is 12V*8A=96W
5	DC Cigarette lighter	12V 10A Max	1	
6	Wireless Charging	15W	1	
7	LED Light	3W Max	1	3 Mode in total, Dimmable, 2 modes of different brightness lighting, 1 mode of strobe
8	DC 5521 Input 12V-28V	AC Adapter: DC18V/5A (Max:93W) Solar Panel: MPPT,12V-28V Max:6A, Max:90W Car Charger: 12V6A (Max:72W)	1	
9	Battery Capacity	80000mAh/296Wh/3.7V	/	
10	AC Output	AC 110V 60Hz 300W Sine wave	1	
11	Dimension (Length*Width*Height)	230*140*170 mm	/	300W (Peak power 600W - instantaneous)
12	Weight	3.5kg	/	
13	Operating Temperature	14-104°F (-10-40℃)	/	
14	Recharging Temperature	32-104°F (0~40℃)	/	
15	Package Contents	1.300W Portable Power Station * 1 2.Adapter (with 1 AC output cable) * 1 3.Car Charger * 1 4.Instruction manual * 1	/	

Battery parameters:

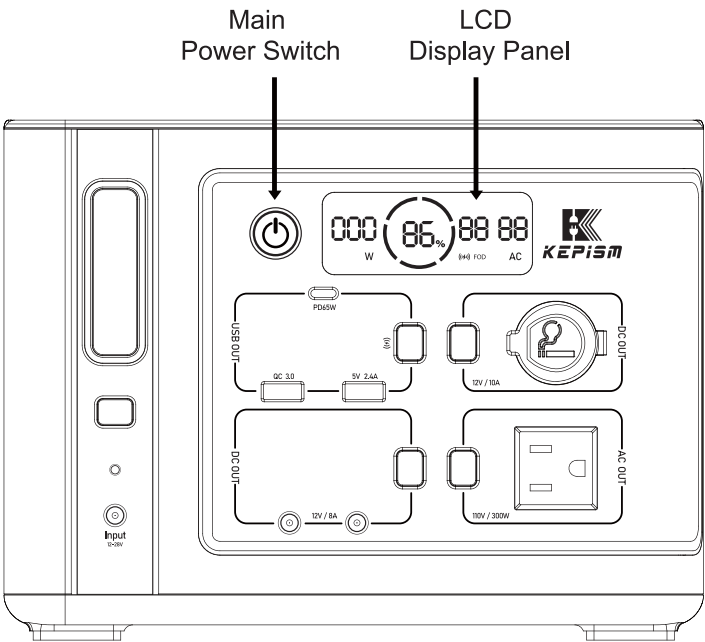
No	Name	Parameters	Notes
1	Battery	Lithium-ion Battery	
2	Battery Capacity	80000mAh/296Wh/3.7V	
3	Battery charging voltage	17V	
4	Battery charging current	6A MAX	
5	Protection function	Over-voltage, over-current, over-temperature, under-voltage, over-power, short-circuit protection,over-charging	

III Operating Instructions

After purchasing this portable power station, please charge it more than 4.5 hours to ensure that the battery is fully charged for the first time use.

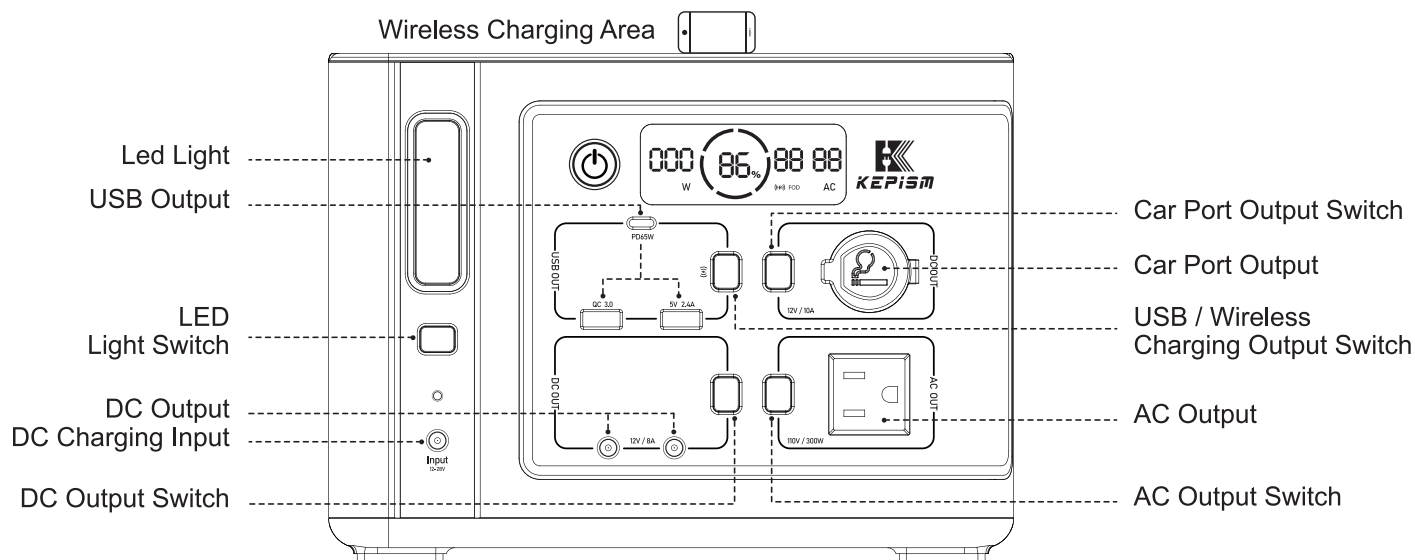
Description of the buttons and their functions

1、 Press and hold the main power switch (the button in the figure below) for 1.5s. The display will light up . You can view the portable power station remaining power (displayed in percentage), power (W), and the remaining working time of the power supply at the current power (W) on the display. If the portable power station doesn't need to be used, please press and hold the main power switch for 1.5s to turn off the device.



Note: The main power switch also has a multiplexing function, so you can ‘turn off’ / ‘turn on’ the display by tapping the main power switch when the power station is on.

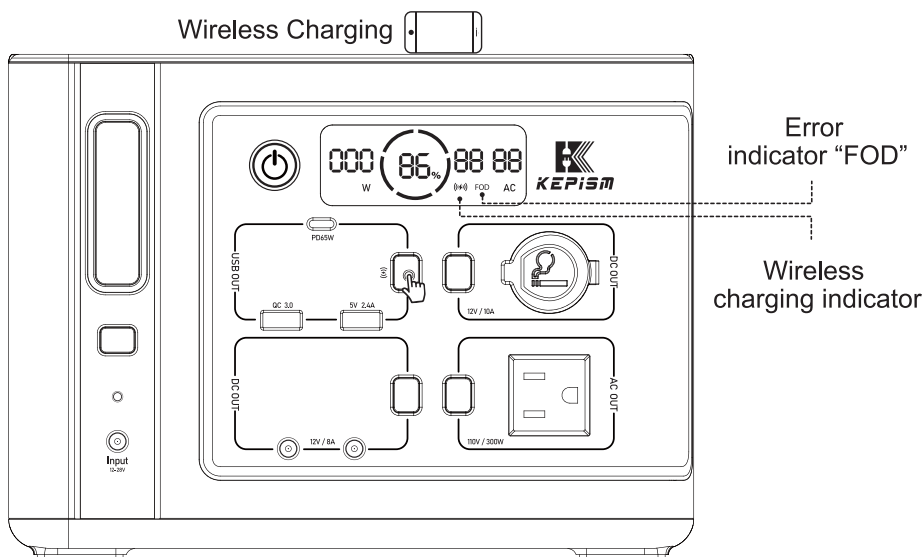
2、 After turning on the main power switch, turn on the required output port., When the port switch indicator lights up, it means that the port can be used with a load (Note: Once a port is turned on, it will consume a certain amount of power, so please do not turn on if not in use).



3、 Output ports usage instructions

(1) Wireless charging, type-C, USB QC3.0 - share the same USB port button

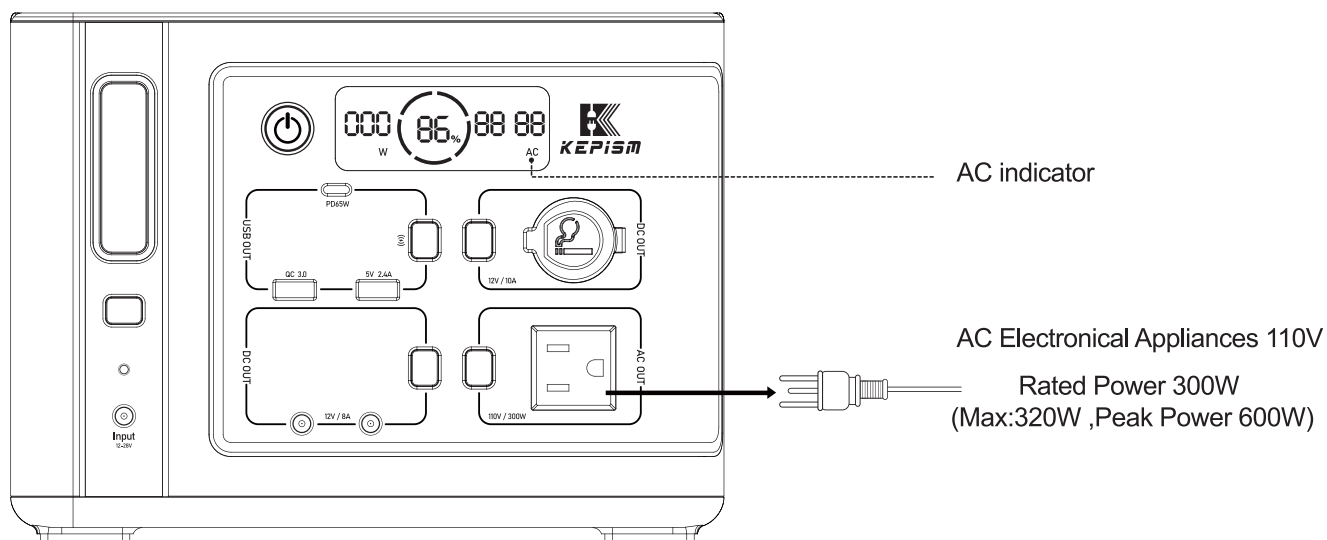
Note: For wireless charging, turn on the USB output switch and place the charged device on the charging area at the top of the portable power station. The corresponding wireless charging indicator on the display will flash, indicating that wireless charging is in progress.



If the wireless charging indicator does not light up because of an incorrect placement, please move the position of the device being charged. The wireless charger will be automatically protected if there are metal foreign objects (such as coins, iron, etc.) in the wireless charging area, and the display will show FOD. Meanwhile, if the charging coil having an over-temperature ($>75^{\circ}\text{C}$), the wireless charger will also be over-temperature protected and will show FOD. The wireless charger function will automatically recover after the temperature is dropped.

(2) AC Output Port

Voltage 110V, nominal power 300W, maximum power 320W (please check the electrical device before making the connection, to ensure the power of the electrical device does not exceed this rating). After confirming that there is no error, plug the AC power device into the AC output port, and then turn on the AC power switch (the AC logo will appear on the display) to supply the power.



The AC output of this product has 2 functional modes: energy saving mode and online mode.

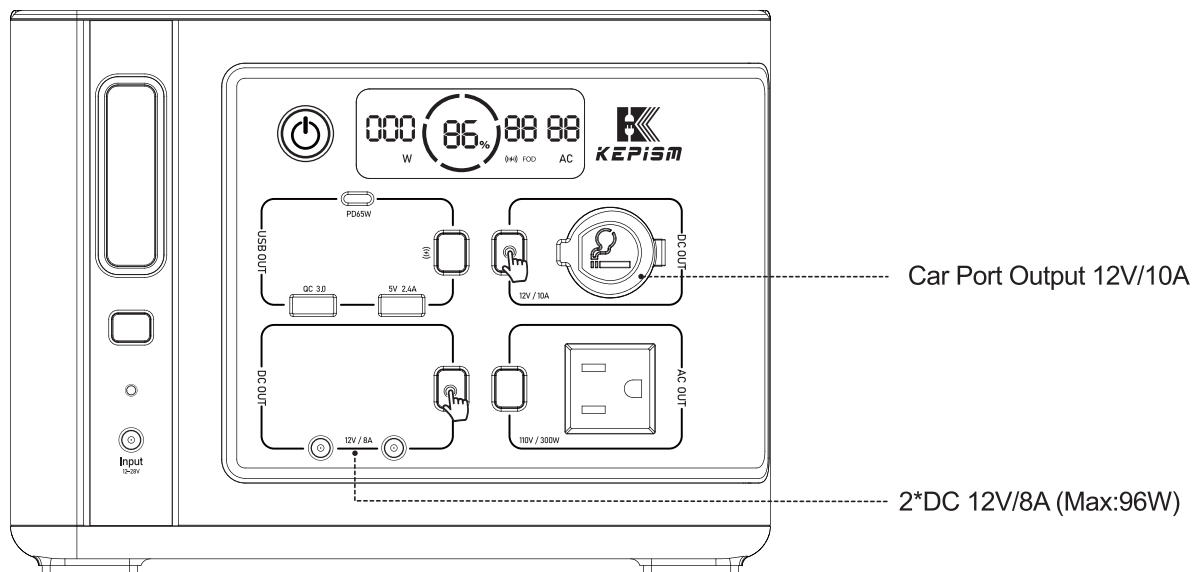
A:energy-saving mode: After turning on the AC output switch, the AC port will shut down automatically if no electrical appliance is plugged in within 1 minute, or the power of the electrical appliance is less than 10W.

B:online mode: After turning on the AC output switch, double tap the switch . A "beep" prompt will appear, and the AC output switch indicator will change from long light to flashing mode. The AC output in the online mode will not automatically shut down (can only be closed manually), it allows low-power devices under 10W in a continuous operation. this, It is not recommended to open this mode to prevent power consumption.

Note: If the AC output port is overload protected, please unplug the electrical appliance and then turn on the AC output switch again to restore the AC output port to normal operation.

(3) DC Output Port

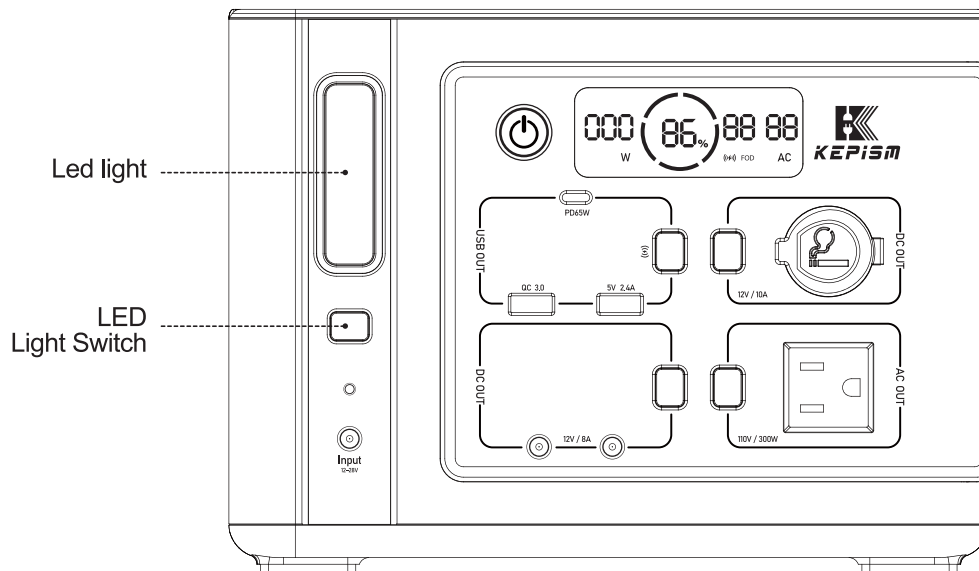
Turn on the corresponding switch of DC 5521 or DC Car Charger. The indicator light will be on and it the device is ready to supply power to the corresponding devices.



Note: DC5521, single-port maximum load capacity is 12V*8A, dual-port simultaneous workload capacity of dual-port parallel is maximum 12V*8A. The port will be protected automatically when overloaded. The output can be restored automatically after disconnecting the load. Press and hold the DC5521 button for 1 second to turn off the output of this port.

(4) LED Light

Press and hold the LED light switch 1.5s to turn the LED light on or off. The LED light is in 3 modes dimmable. The first mode has 50% brightness lighting, the second mode has 100% brightness lighting, and the third mode is strobe mode. After the LED light is on, please do not look directly at the LED light to avoid dazzling.

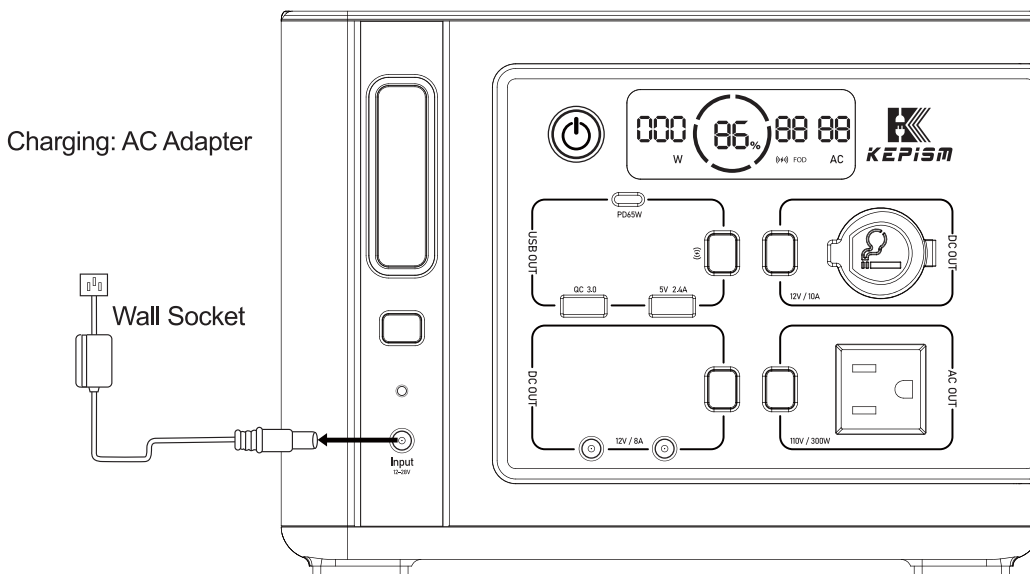


(5) RECHARGING

DC input port, the rechargeable voltage range is 12V-28V, the maximum charging power is 93W. (This input port supports the same voltage range of photovoltaic solar panels and vehicle chargers)

1) 、 Charge through AC adapter

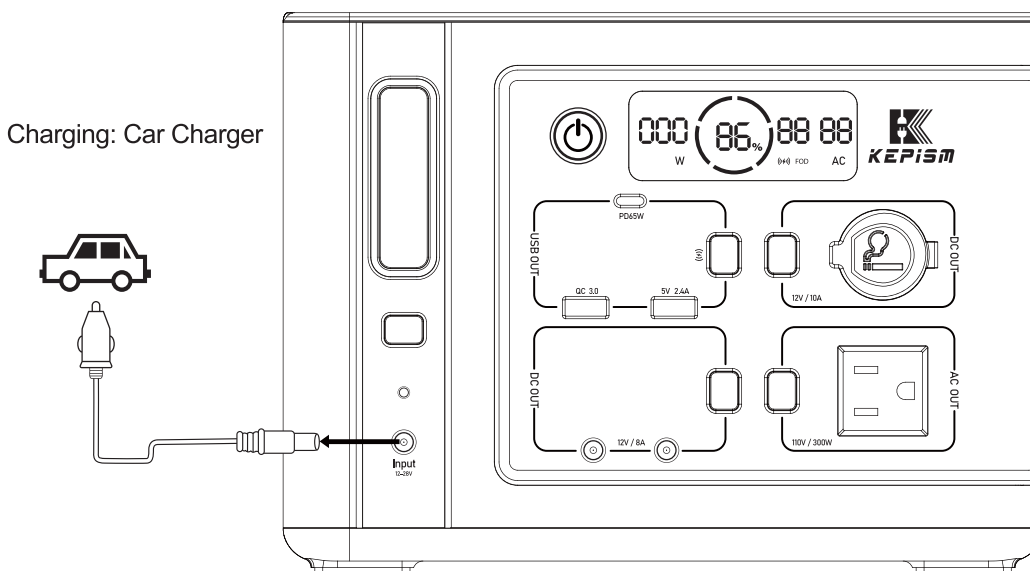
Connect to the home power grid by using the included AC adapter (DC18V/5A) to quickly charge the portable power station (charging power Max: 93W). A full charge takes about 4~4.5 hours. Please remove the AC adapter after the portable power station is fully charged, to ensure the product safety and extend the life of the AC adapter.



2) Charge from your car with a 12V Cigarette lighter Adapter

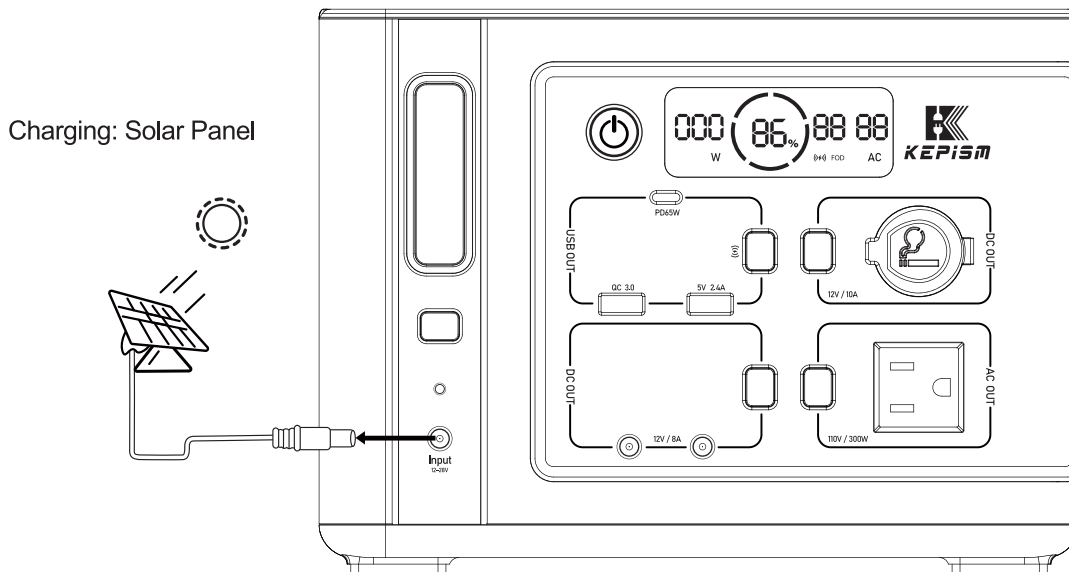
Plug the portable power station into a 12V Cigarette lighter (car port) of your car, by using the included car charger (12V/6A, Max 72W).

To protect your car battery and avoid car battery power loss, please charge this portable power station when your car engine is started. Remove the power cable after the unit is fully charged.



3) Charge from a Solar Panel

Solar panel charging conditions: Any (12V-28V) solar panel with DC 5521 (5.5*2.1mm) connector can charge for this portable power station.



Note:

- 1、 Place the solar panel in the best position to catch direct sunlight and avoid shadows shielding the solar panel.
- 2、 Disconnect the solar panel from the unit, if you don't use the unit for an extended time.

Please do not use a power supply, charger, or solar charging board beyond the nominal voltage (12V-28V) to plug into this charging port. This will cause damage to the portable power station. When using this charging port to charge the portable power station, it is not necessary to turn on the device's main power switch. In case the main power switch is turned on, the device is also chargeable, and you can see the real-time charging power.

IV Safety Precautions

- 1) Please read the instruction manual carefully before use so that you can use this product correctly.
- 2) There is a high voltage inside the product. Non-professionals should not disassemble the portable power station to avoid the danger of electric shock.
- 3) This product contains lithium batteries and must be used at room temperature. To avoid fire and other dangers, do not store or use it in high temperature (more than 45℃ environment) or near open fire.
- 4) To avoid accidents, it is prohibited to let young children touch the equipment.
- 5) It is prohibited to use mismatched charging devices (such as chargers, DC power supplies, solar photovoltaic panels that exceed the nominal charging voltage of 12V-28V), to charge this portable power station. This will cause damage to the portable power station.
- 6) Squeezing, hitting, and dropping the equipment is prohibited to avoid danger.
- 7) If you detect that the shell of this product is seriously damaged or deformed, please do not continue to use it to avoid electrical shock and other dangers. Please contact the manufacturer for advice.

V Routine Maintenance

1. When cleaning the product, do not let water or conductive liquid get into the device to avoid short circuits and other malfunctions.
2. If you do not use the product for a long time, please fully charge the portable power station in time and turn off the main power switch of the product.
3. When any of the switch buttons are turned on, there will be a certain amount of no-load power consumption even if no device is being charged. To avoid this, make sure that the main power switch of the portable power station is turned off when it is not in use.
4. To ensure that the product is in good working condition, please recharge the device at least once every three months to ensure the battery is active and the portable power station is in the state of full power.
5. If you feel that the battery is draining quickly when you use the portable power station for the first time, it is because when you first activate the product, the display information of the remaining power is not accurate. Deplete the power of the portable power station to 1% and then fully charge it. The remaining power on the display will be automatically calibrated, and the complete power consumption and charging process will be corrected after the recharge.

VI Common Faults and Troubleshooting Methods

No	Common Faults	Cause of failure	Solution
1	LCD FOD light on	1. Wireless charging output with metal foreign body protection. 2. Wireless charging area coil over-temperature protection.	1. After removing the metal foreign object, the wireless charging is restored to normal. 2. The wireless charger function will automatically recover after the temperature is dropped.
2	After turning on the AC output switch, after a while the "AC" indicator on the display automatically turns off, and the AC output port has no output.	1. After the AC output switch is turned on, and the AC output port is not plugged into an AC electrical appliance, or the power switch of the electrical appliance is not turned on within 1 minute, it means the electrical appliance does not work. So after 1 minute, the AC output is automatically turned off to save the self-consumption of electricity of the portable power station. 2. The AC load power is too small (less than 10W).	1. After turning on the AC output switch, the 'AC' output indicator will display. Please plug in the AC electrical appliance and turn on the power switch of the device within 1 minute. 2. If you need to use a low power (less than 10W) electrical appliance on the AC output port continuously, please turn on the AC output online mode.
3	The 'beep' alarm sound occurs during the use of the product.	This product is equipped with a low battery alarm tone. When the portable power station battery power is less than 20%, it will issue 3 consecutive "beep" alarm alerts (1s interval once). At this time, please save the data of the relevant electrical appliance to avoid data loss after automatic power off.	Please charge the portable power station in time after the low battery alarm.
4	After the AC output switch is turned on, there is an alarm sound and the display shows ERR1 / ERR2 / ERR3 characters and flashes.	The product has an 'overload' 'short circuit' 'over-temperature' protection function. If the following abnormal conditions occurs in the AC output on status, the product will give an alarm and shuts down the AC output automatically: 1. AC output 'overload alarm': the display shows "ERR1" and flashes. 2. AC output 'short circuit alarm': when the connected electrical appliance short circuit situation occurs, the display shows "ERR2" and flashes. 3. AC output 'over-temperature alarm': the display shows "ERR3" and flashes. Alarm features: 3 consecutive "beep" alarm alerts (1s interval once). The time display will recover automatically in 5 seconds.	1. The power of the load connected to the AC output port is exceeding the maximum power. You need to disconnect the overload. 2. Please check if the connected AC electrical appliance is faulty and remove the AC electrical appliance. Then turn on the AC output switch to restore the function. 3. After the temperature is reduced, the AC output port can be used again.

After-sales email:

Kepism@outlook.com
kepism@163.com

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. During the operation of device a distance 15cm surrounding the device and 20cm above the top surface of the device must be respected