



2E-PPS03032 Portable Power Station User Guide

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2E-PPS03032
User Guide
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Portable Power station

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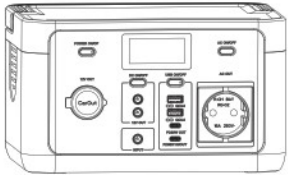
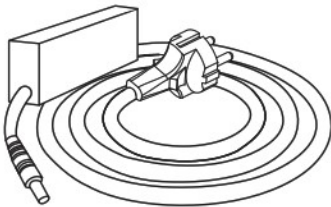
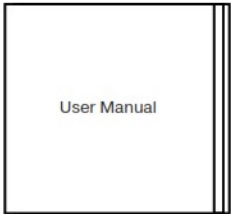
About

Thank you for choosing our multi-functional portable energy storage. It supports DC/AC output and can power your electrical appliances and digital devices such as laptop, mobile phone, tablet, camera, mini-refrigerator, lamp, cooling fan etc. during power failure or traveling. Please keep this manual well for easy reference.

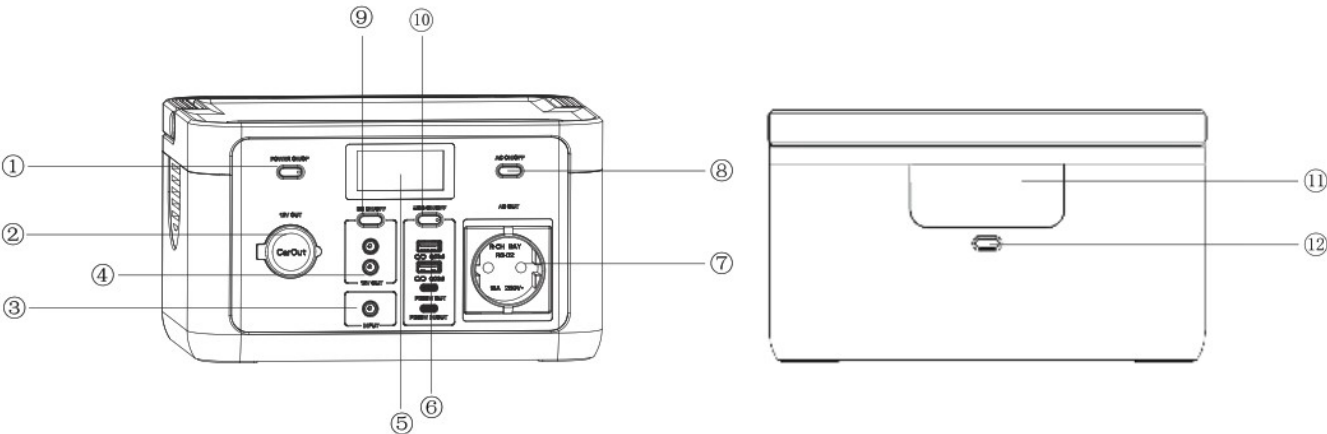
Technical Specifications

Capacity	320Wh/12.8V/25000mAh
Input	USB Type-C(2): 5V-9V-12V-15V-20V 3A(60W Max); Power Adaptor: DC10.8-23.5 V 4A; Solar panel: 18-20V 4A
USB Output	2x USB-A: 5V-3A,9V 2A,12V 1.5A(18W Max)
	USB Type-C(1): 5V 3A,9V 3A,12V 2.5A,15V 2A, 20V 1.5A(30W Max)
	USB Type-C(2): 5V-9V-12V-15V-20V 3A(60W Max)
DC Output	2x DC 12V 10A Max
Car Port	12V 10A
AC Output	Output Waveform: Pure Sine Wave
	Output Voltage: 210 V-230 V
	Output frequency: 50 Hz
	Rated power: 300 W
Operation Temperature	-10°C-40°C
Dimension	25 x 19 x 14 cm
Weight About	3,9 kg

Package contents:

		
1	1	1

Identification of parts



<ul style="list-style-type: none">① Power Button② Car Output Port③ Mppt/Dc Input:80W Max④ 2x DC Output: 12V 10A⑤ LCD Display⑥ 2x USB Type-A:QC3.0; USB Type-C(1)output 30W; USB Type-C(2) output / Input 60W	<ul style="list-style-type: none">⑦ AC Output: 210 V ~ 230 V⑧ AC Power Button⑨ DC Power Button⑩ USB Power ButtonLED LightLED Light Power Button
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Note The images in this manual are for reference only. They may not correspond to the actual product.

Precautions for use:

1. Please read all the safety warnings before use and always follow the basic precautions when using this product. Warranty does not cover damages caused by failure to follow instructions.
2. When using the device for the first time, it is recommended to fully charge it in order to avoid inconveniences during use due to lack of power.
3. Close supervision is required when using this product around children to reduce the risk.
4. Charge the product at least every three months to preserve the battery life.
5. Low temperature may affect the battery capacity of the product, the product can be charged in the temperature

range of 0 to 40°C, and used in the temperature range of -10 to 40°C.

6. Place, charge and store the product in a well-ventilated place.
7. Wipe the product clean with a dry cloth.
8. When the product is not in use, unplug the power cord from the product outlet.

Safety warning:

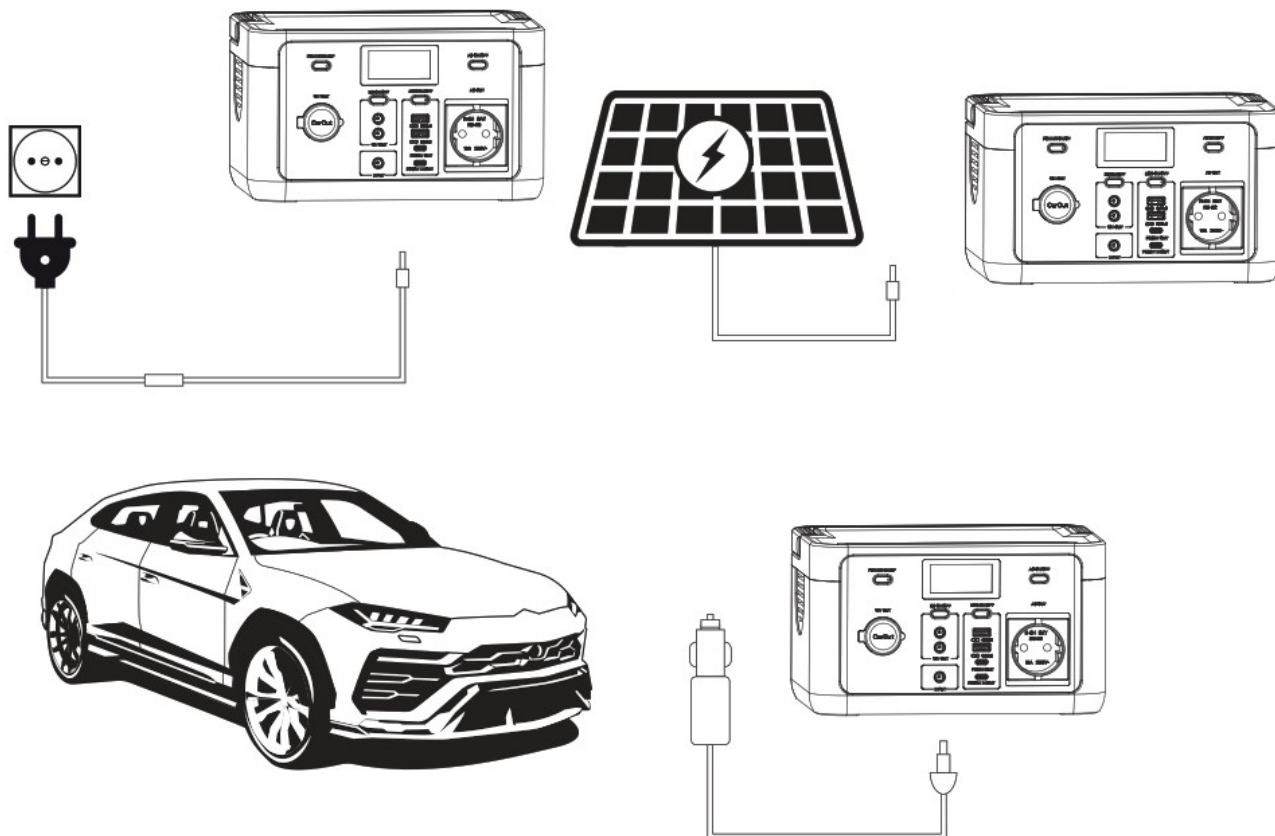
1. Use of accessories recommended or sold by non-professional product manufacturers may result in electric shock or equipment damage.
2. Do not use damaged wires or plugs or damaged output cables with this product.
3. Never restrict the ventilation of the product.
4. Do not disassemble the product. Doing so may result in unpredictable risks such as fire, explosion, or electric shock.
5. Avoid exposing the product to rain or using the product in humid environment.
6. Do not use or store the product in a high temperature environment (direct hot sunlight or hot car interior), otherwise the internal battery may overheat, catch fire or fail, shorten its lifespan, and incur other risks.
7. In case of fire, use dry powder fire extinguishers for this product. Do not use water fire extinguisher, which may cause electric shock.
8. Avoid getting dust or foreign objects inside the device, otherwise it may easily cause damage to its internal components.

How to charge the Power Station

Fully charge the device before using or storing.

This product has solar panel, car charger and AC outlet input.

1. Plug cable to the adapter (included) or solar panel (not included) or car charger (not included).
2. Insert the remaining end of the cable into the Power Station input port.
3. Power Station will automatically begin to charge and turn off when fully charged.



Charging Speed

Source	Charging Time
Solar panel 80W	Approx. 5 Hours
Car port	Approx. 7 Hours
AC Adaptor	Approx. 4,5 Hours
USB Type-C(2)(PD60W)	Approx. 7 Hours

Cold Weather

Cold weather can influence battery capacity. In sub-zero temperature ($<0^{\circ}\text{C}$), you may be able to discharge the product, but you should not charge it. Otherwise, the battery of the product would be greatly damaged and the capacity may not even be recovered.

How to use the Power Station

1. Charging USB digital devices

- (1) Connect the charging cable to the USB-A or TYPE-C output port.
- (2) Connect the other end of the cable to the digital device.
- (3) Press the USB power button to turn on the USB outputs. The device will automatically detect and charge the electronics. The corresponding indicators will light up during charging.
- (4) After charging is complete, turn off the USB outputs by pressing the button again.

2. Powering by 12V DC output port/cigarette lighter

- 1) Connect the device's power cable to the DC output port of the energy storage system.
- (2) Press the power button of the DC port.

(3) After use, disconnect the electrical device and cable from the DC port of the energy storage system.

Attention

The DC output rated power of this station is less than 120W.

3. Powering by AC output port

(1) Select the appropriate plug, and then connect the equipment to the AC output port.

(2) Press the corresponding power button to turn on the AC output.

(3) After use, disconnect the electrical device and cable from the AC outlet of the energy storage system.

Examples of loads

1. Most electrical appliances in the market apply to the specifications of 12V/30A (XT60 or SPC45), 12V/10A, cigarette lighter, USB-A, and USB-C output ports of charger. But still, the charging of some products may activate the over-current protection if it generates an instantaneous high current at the moment of starting.
2. Charger can power electrical products with 300W or less rated power. Though the figure is under 300W, overload protection will still be activated when the appliance generates a massive instantaneous start-up power. Therefore, it's recommended to apply charger to electrical products with lower-rated power.
3. If an output over-current, overload, or short circuit occurs, device will turn off the corresponding output port. If the output repeatedly stops, turn the equipment off. Please get in touch with the seller or maintenance group first for professional help.
4. When the battery level drops to 0%, the DC and AC output will automatically turn off. Please check the battery level before using device to protect and enhance battery cycle life.
5. This device supports charging and discharging simultaneously, and please keep the equipment laid flat during use, charging, and discharging.

Estimation of operating time

Smartphone 29-33 Times 10W	Notebook Around 4-5hrs 60W
Wi-Fi Router Around 24-26hrs 10W	Television Around 3,5-4hrs 75W
LED Light Bulb Around 55-60hrs 5W	Electronic Tools Around 2-2,5hrs 90W

Note: DOD is the battery discharge depth, is the local inverter efficiency.

And the units of load power and charging time are Watt and Hour. $DOD=80\%$, $DOD \times \eta \div =90\%$ DOD – це глибина розряду батареї,

Finding and solving problems and malfunctions

Fault	Troubleshooting	Solution
External device is not charging	1.The device is not properly connected to the charger (charging indicator is off)	Make sure the product is properly connected to the charger. Check for poor contact in the connections.
	2.The contact is good, but the charging indicator is not on	The charger might be broken, please contact after-sales service
	3.The charging indicator is on, device is still not charging	The device might be broken, please contact device after-sales service
Charger does not output power	1.The equipment is not properly connected to the charger	Make sure the equipment is properly connected to the charger. Check for poor contact in the connections.
	2.The output port switch is not turned on	Turn on the output port switch
	3.Low output power	Charge the charger
	4.Still no output power after eliminating 1.2.3 points	The charger might be broken, please contact after-sales service
Charger interrupts power output	1.The rated power or instantaneous starting power of the equipment used is greater than the power of the product.	Select higher power energy storage products
	2.Power output still interrupts after eliminating 1st point	The charger might be broken, please contact after-sales service

FAQ:

1. Can this product be carried on a plane?

No, because this product contains high capacity battery. In accordance with international air transport standards, the transportation of products with batteries with a capacity of more than 100 Wh is prohibited.

2. If the power of the equipment is within the rated output of the product, can it be used?

a. If the power consumption of the product is less than 120W, it can be used at the same time with other products. b. products with a rated or peak power that exceeds the allowable parameters cannot be used with this charger

3. Is it normal for the charger to get warm while charging?

Charger heating when charging is a normal phenomenon, the standard temperature of the device when charging is in line with national safety standards, you can rest assured to use it!

Warranty

The warranty period is one year.

The warranty period starts from the date of purchase by the consumer.

The warranty does not cover the following cases:


1. Cosmetic damages, scratches on the body;
2. Disassembly and repair by non-authorized staff without permission;
3. Product performance failure caused by human factors.
4. Damage caused by irresistible factors such as natural disasters, lightning and accidents.

Portable Power Station



<https://2e.ua/>

Documents / Resources

	<p>2E 2E-PPS03032 Portable Power Station [pdf] User Guide 2E-PPS03032, 2E-PPS03032 Portable Power Station, Portable Power Station, Power Station</p>
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Manuals+.