

Portable Power Station
XO-PSA-700

1. Cautions

To protect you and others from harm and the product from damage, please read the manual carefully before using the product.

1.About storage

- Do not expose the product to an extreme cold or hot environment (below -0°C or above 40°C) for storage.
- Do not place the product near the vent of a heating device.
- Please avoid putting the product in a rainy or wet environment.
- Please keep it away from flammable liquids, gases or explosive materials.
- Please keep it away from dust or a dusty environment.
- Do not store the product with coins, jewelry, keys and other metal objects; otherwise, it will damage the product, reduce the charging capacity, shorten the service life, or even explode. The product should be stored in a cool and dry environment.

2.About Charger

- Do not use a defective charger or a charger of mismatched output voltage.
- Please use the original charger, as incompatible or unqualified chargers may cause damage or damage the product.
- Do not use chargers without safety certification to charge the product.

3.About storage of leaving unused

- Please make sure to charge it at least once every 6 months to extend the life of the product (battery cells). When taking out the product after long-term storage, please fully charge it before use. When the product charger is not in use, the power must be disconnected at both ends.

4.About disposal of defective/old battery and charger

- Please dispose of scrapped products in accordance with regulations, and do not dispose of the built-in batteries as domestic garbage to avoid explosion and pollution.

5.Do not squeeze or pierce the product, and do not subject the product to high external pressure, otherwise it may cause internal short-circuit, overheating, burning or explosion.

6.Do not place this product in the reach of people with low physiology, perception, and mentality (including children and people without experience and related knowledge. Avoid the above people from using this product to avoid misuse.

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7.The product cannot be used as a substitute for the mains AC power supply in order to extend the cycle life of the battery cells.

8.Do not paint or put up stickers on this product. Paint and stickers may block the manual carefully before using the product.

9.About the environment/temperature for charging.

- Do not store the product in hot or cold places, please use the product in an environment of 0-60°C.
- The temperature inside a closed car in summer can be as high as 80°C (putting the product in a car may put you or your car in danger.)
- Do not directly expose the product to sunlight for a long time, since when the heat dissipation is not started, the temperature of the battery cells will rise sharply. When charging the product, the operating temperature should be maintained at 0°C-40°C.
- Do not store the product near or inside water heaters, microwave ovens, hot cooking products, or high and low pressure parts, which may cause overheating or cause fire.

10.About product cleaning

- Use a dry towel or eraser to wipe the product or charger.
- Do not use corrosive chemicals or cleaner.

11.Please do not disassemble, repair or modify the product, otherwise warranty will be invalid.

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2. Operation Cautions

- Due to low power status during transportation, the residual power showing on digital screen may be different from actual power. It will get normal after charging and discharging for 2-3 times.
- When using this product, please do not cover it with towels, clothing, etc., and make sure to keep more than 10cm of heat dissipation space around the product.
- Please keep the product and electrical products dry to prevent moisture and liquid from entering the product, otherwise it may damage the internal parts or circuits of the device.
- Do not turn on the product when it is wet, if the product is a ready turned on, please turn it off immediately (if the product cannot be turned off, please contact the after-sales service center immediately.)
- Do not use the product in a very dusty environment, otherwise it may cause product failure, fire or explosion.
- Do not use the product in flammable and explosive environments such as gasoline, gas, chemical agents, mines, etc., otherwise it may endanger safety. Always operate in accordance with regulations, instructions and signs in potentially explosive environments.
- Do not use the product in a corrosive environment, otherwise it will cause damage to the product.
- Do not use the product during thunderstorms. The product may malfunction and increase the risk of lightning strikes.
- Please place the product on a flat surface to prevent the product from falling, otherwise it may damage the product or cause parts failure.
- About recharging the product**
 - Please use original charger to charge the product.
 - Do not exceed the charging time of this product. Please unplug the charger when fully charged. It is recommended to charge during the day or when someone is present for easy inspection.
 - Due to energy conversion during charging, this product may heat up. This is a normal phenomenon. Please be careful when handling.
- About the discharge of the product**
 - When the power is 1 bar left or the indicator is flashing, to prolong the life of the battery, please immediately stop using and fully recharge XO-PSA-700W before using it again.

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3. Package contents

NO	Packaging List	Type
1	XO-PSA-700	Standard
2	Adapter	Standard
3	Manual	Standard

4. Product Introduction

XO-PSA-700 is a multi-functional emergency energy storage power supply. It adopts UL authorized automobile power cell and efficient SPWM inverter conversion technology. It is more durable and has longer cycle life than ordinary battery cell. It enjoys the reputation of "outdoor mobile power station". It is widely used in outdoor party and camping, household emergency, outdoor live broadcasting, mobile office, medical rescue, emergency rescue, power equipment repair, communication emergency and other fields. It is compatible with most of digital appliances and household appliance of power rate under 700W.

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5. Specification

Specification		
Model	XO-PSA-700	Battery Power 614.6Wh
AC Output*1	AC 220V 200V-240V-50Hz (正弦波/Pure Sine Wave)	
Battery Capacity	13000mAh/2.2V 24Ah/25.5Wh (614.6Wh, Fc@24)	
AC Input	AC 200V-240V-2.0A 50Hz 500W	
Type Output	DC 9V-18V/1A-3A/12V/1.5A/15V-3A/20V/1.6A/21V/1.6A	
DCDC1 Input	12V/30W-5A/Max120W	USB-A1&2 Output DC 5V-3A (5A)
USB-A1 Output	DC 5V-2.4A	Power Light 2W
USB-A2 Output	DC 5V-2.4A	Standard
DCDC2 Car Charger	DC 12V-10A	Dimension 350x200x230mm/Volume
Socket	DC 12V-10A	Weight 8.5kg/18.7lb
Charging Temperature	0°C-35°C	Discharging Temperature 0°C-45°C

6. Structure and functions

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7. How to charge the product

Please read the following notes first:
Accessories are only equipped. When using solar panel to charge, it is advised to use 100W to achieve higher charging efficiency. With this product, it is forbidden to use on other electrical appliances. The product is fully charged when the power indicator stop flashing and stay on. Please stop charging and unplugging the power cord from the AC socket.

We can charge the product in the following three ways:

- AC charging**
The product adopts quick charging technology for AC charging, and the maximum input power can reach 500W.
- Charging with solar panel.** Connect one end of the cable to the solar panel (solar panel needs to be purchased separately), and insert the other end into the DC Input "DC5521 IN" interface of the product to charge the product (It is recommended to buy solar panels specially designed for this product).

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8. How to use the AC output

Please read following cautions before use:

- Please ensure that the input voltage and frequency of electrical equipment are consistent with the parameters of this product.
- Please ensure that the rated power of electrical equipment is less than 700W, preferably within 80% power range.
- If the rated power of electrical equipment is higher than 700W, the overload protection will be activated.
- If the power of electrical equipment is higher than the rated power of 700W, please choose portable power supply with higher power.
- The instantaneous power of some electrical equipment is greater than its rated power. For example, the starting power of inductive load equipment is generally 3-4 times of a certain rated power, and the starting power of energy-saving lamp is dozens of times of its rated power. The above situation does not rule out the possibility of activating the overload protection of this product and turning off the power supply.

Steps of using the AC output

Step 1: Turn it on with the AC button and the indicator will be on. Remaining power can be seen on LED screen.

AC 700W AC Power Button

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9. How to use the DC output

When using DC output (include USB-A output, DC output, Type-C PD 100W output), please ensure that the digital device support the current of the corresponding output port, so as to prevent the interface from overheating and causing damage to the device.

1. Use USB ports to charge digital devices

2 ways to use USB output:

USB-A QC3.0: The orange USB-A can provide QC3.0 quick charge, it will need a cable supporting QC3.0 protocol to connect power station and the digital devices. Long press the DC button and the power station will charge the digital devices quickly.

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10. Steps to use flashlight

The product has a built-in flashlight.

1. Strong LED reading light, short-press the switch to turn it on and switch the modes of luminance: strong-soft-SOS

Flashlight

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11. After-sales services

To ensure your legal right, please pay attention to:

- The warranty card must be sealed by the seller before it can take effect.
- The warranty card shall be properly kept by the user. If it is lost or atered, it will be invalid.
- In case of any failure caused by non-human reasons, you can take the warranty card to the designated repair center for free repair within the warranty period.
- Free maintenance service will be unavailable under the following circumstances even within the warranty period.
 - You will no longer enjoy the warranty if you disassemble, reft or repair the product without permission.
 - Damage of surface coating and appearance is not within the scope of warranty.
 - Failure caused by incorrect installation, packaging and use which is not in accordance with the requirements of the user manual.
 - Failure or damage caused by accidental, man-made reasons or environment and other factors (wrong operation, collision, unreasonable voltage, damp, etc.).
 - Failure or damage caused by force majeure like earthquake, fire disaster, tsunami

If your product has expired the warranty period, we offer compensated repair service.

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12. Name and content of toxic and hazardous substances or elements in the product

Toxic and hazardous substances or elements					
Lead	mercury	cadmium	chromium	Polybrominated biphenyls	Polybrominated Diphenyl Ether
0	0	0	0	0	0

0 means that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirement specified in the 2002/95/EC (RoHS) standard.

Warning

- AC socket is for output only, no input!
- Do not disassemble, soak in water or leave in fire!

Warranty card

Please store the warranty card well and fulfill your information and send back together with the product.

Dear customer,
Thank you for your trust and support to our products. The warranty card is attached with each product. Please keep it properly as a product warranty certificate. If it is lost, it will not be replaced. Thank you.

User's Name: _____ Phone Number: _____
Address & Postal Codes: _____
Shop's Name: _____ Order Number: _____
Cause of Malfunction: _____
Order Number: _____

Maintenance Record:

Date	Description of Malfunction	Maintenance Point	Result

Executive Producer: Throatway Education Co., Ltd.
Manufacturer: Throatway Education Co., Ltd.
Address: No. 10, Lane 7, No. 1, Jing Gong Road, Nantong, Jiangsu, China
Contact: 400-888-8888
Sales: 0513-8577-8888 Fax: 0513-8577-8888

CE, RoHS, FCC, PSE, ISO9001, ISO14001

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