

# Portable Power Station

Model: EE300-270WH-1BK

## Product Use and Technical Specification

Please read the manual carefully and follow the instructions before using



**CEA ELECTRIC CO., LTD**

Version: A

# 1 Product Application and Scope of Use

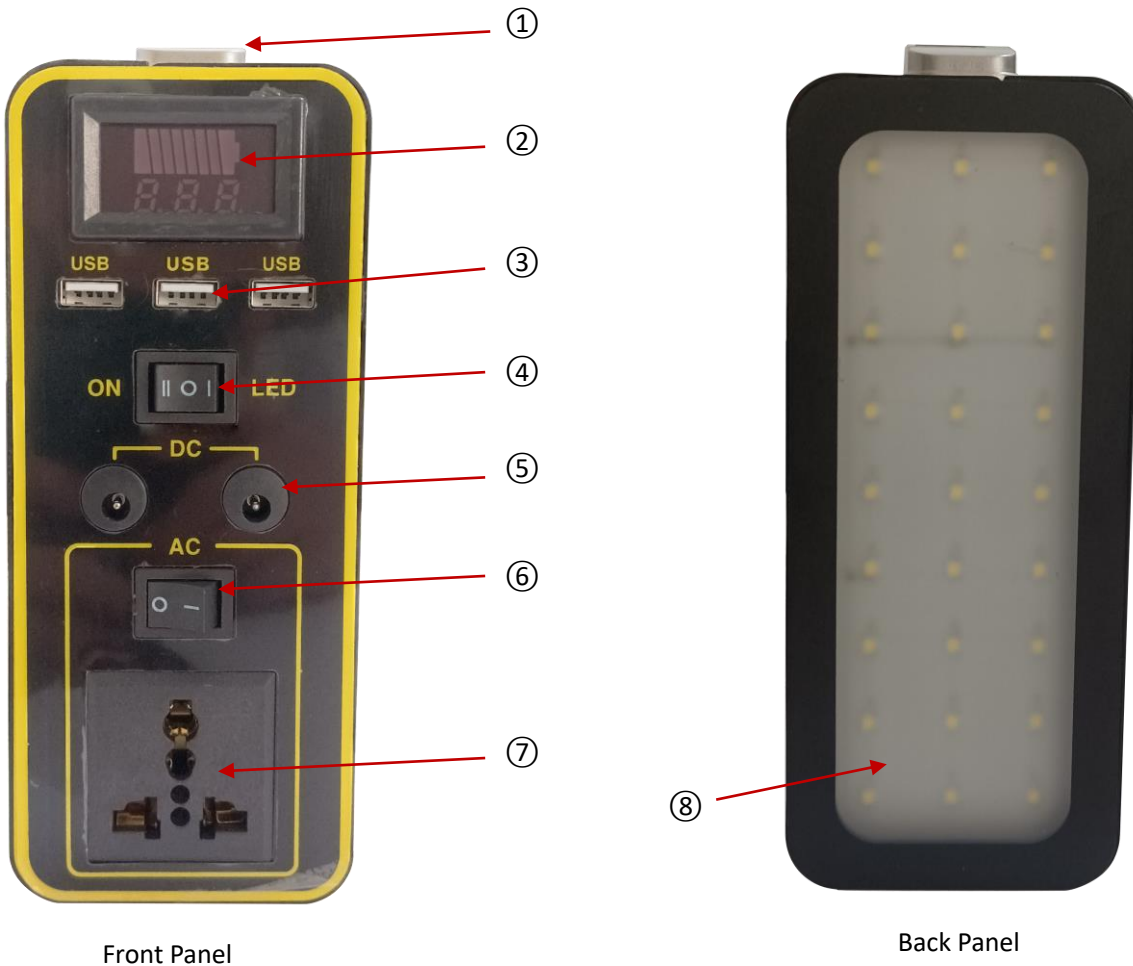
- Product Name: Portable Power Station
- Model/Specification: EE300-270WH-1BK
- Purpose and scope of application: Transform DC to AC sine wave by inverter. When the product is out of power, it can be charged by mains, PV and car charger. Also, this product can charge devices with corresponding power such as telephone, camera and drone.

# 2 Product Introduction

## 2.1 Main Components of the Product

Portable Power Station is mainly composed of shell, inverter and battery.

## 2.2 Panel Function Module Instructions



### ① Handle

## ② Display with Battery Voltage and Remaining Power

## ③ USB Output

④ Main Power and LED/USB Power: A. Turn middle to shut the power display; B. Turn right to open LED and USB/DC output; C. Turn left to start display and input.

## ⑤ DC 5521 Output; Adapter Charging; PV Input

## ⑥ Inverter Switch

## ⑦ AC Output

## ⑧ LED Light

### 3 Product Parameter

Project	Parameter	
Battery Capacity	LiFePO4 270WH 4S 21AH	
Dimension	80*180*240mm	
Weight	3.6KG	
Ambient Temperature Range	-10~40°C	
Storage Temperature	-10~40°C	
Input	PV Charging	60W (18V 3.4A)
	Adapter Charging	DC: 14.6V 4A 58.4W
Output	USB Output	5V2A*3
	5521 DC Output	5521*2 12V3A
	AC Output	220V,50Hz 300W
Charging Time	PV Charging	About 6.1H
	Mains Charging	About 5.2H
LED	LED Power	3W

### 4 Operation and Usage

#### 4.1 Charging steps and methods:

4.1.1 Plug the output of adapter in the charging port of the product, and connect another terminal of the adapter to mains and turn on the power $\phi$ . The adapter is 58.4W, DC 14.6V 4A with constant current and voltage.

4.1.2 PV DC input voltage: 18V 5521 port. Confirm the voltage range before charging. Input DC input to 5521 port on the product and turn on the power $\phi$

#### 4.2 How to use the output with load

4.2.1 AC load: before use, please check that the power range and voltage range of the on-load electrical equipment should match the equipment. Insert the power plug of the on-load product into the output socket in front of the equipment, turn on the power $\phi$  and AC output $\phi$  successively.

#### 4.3 How to use DC/USB output:

4.3.1 Before use, check that the voltage and corresponding parameter range of the on-load electrical equipment should match with this equipment, insert the interface plug of the on-load product into the corresponding interface of the equipment, and turn on the DC $\phi$ .

## 5 Product Maintenance

5.1 Newly purchased products shall be fully charged before use;

5.2 Regularly remove the dust and dirt at the cooling window;

5.3 Under the condition of long-term storage for over 3 months, at least 50% of the electricity power shall be stored;

5.4 If the product is stored for over 6 months, please charge and discharge the product for 1-2 times in order to prolong the service life of the battery;

## 6 Warnings and Notes

6.1 The voltage standards of different electrical appliances are different. Before use, carefully check whether the rated voltage range of the product is consistent with the voltage range of the portable power supply, otherwise it may lead to dangerous situations;

6.2 If continuously discharging the battery after it has reached the cut-off voltage, it will lead to over-discharge, which is easy to cause serious power loss of the battery, greatly shortening its service life. Therefore, deep discharge should be avoided when the battery is used;

6.3 The product shall be kept away from fire source, high temperature environment, wet and rainy

- environment during use and storage, otherwise it may cause dangerous situations;
- 6.4 This product has a built-in high-voltage power supply, and non-professionals are not allowed to disassemble it by themselves;
  - 6.5 Please do not discard this product at will after its service life. Please recycle it according to local laws and regulations;
  - 6.6 The product shall be protected from rain, water immersion and violent vibration during transportation;
  - 6.7 It cannot be used at an altitude of more than 2000m;
  - 6.8 Product AC is AC output. Please do not insert your hand or hand-held metal conductor into AC socket;
  - 6.9 Do not drop, squeeze or pierce the product, so as to avoid exposing the product to external pressure, resulting in short circuit in the internal circuit of the product and battery damage;
  - 6.10 Please shut down in time after use (there is no-load power loss when the AC output is turned on, which will continue to consume battery power);
  - 6.11 Please select the solar panel according to the electrical parameters specified by the manufacturer. If the voltage is higher than the parameters, the product may be damaged;
  - 6.12 It is forbidden to short circuit the output port of the product;
  - 6.13 This product and its accessories may contain some small parts. Please place the product and its accessories out of the reach of children, who may inadvertently damage the product and its accessories, or swallow small parts, resulting in suffocation or other hazards. Children or people with intellectual limitations should use this product with the accompaniment of their guardians;
  - 6.14 Do not use this product in thunderstorm weather, which may cause product trouble or electric shock;
  - 6.15 If the product falls into water accidentally while using, it shall be placed in a safe open area and shall not be powered on and used again;

## **7 Product Packing List**

- 7.1 Portable Power Station \* 1
- 7.2 Adapter \* 1

7.3 Car Charging DC Cable \* 1

7.4 Manual \* 1

Warranty: 3 years

Production Address: No.55 Dingda Road, Yingquan Economic Development Zone, Fuyang Anhui,  
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