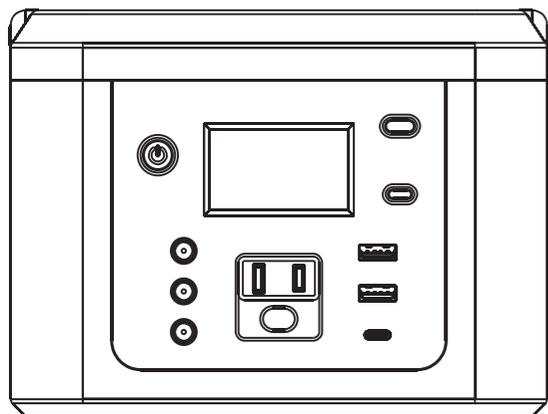


# Portable Power Station

## User Manual



### ABOUT THE UNIT

Thank you for purchasing the portable power station. In case there is power failure or you need to charge during a trip, you can temporarily charge your electrical or digital devices with this unit. This unit can provide USB, DC and AC output. You can keep laptops, appliances, lights and more going for hours longer. Before using this unit, please read the user manual carefully and properly keep it for reference.

### ATTENTION!

#### The unit provides Modified Sine Wave output

The unit provides Modified Sine Wave output and can be compatible with AC electric appliance that works with Corrected waveform (power  $\leq$  180W). However, devices featuring an AC motor may not fully perform with modified sine wave, such as an electric fan. Some AC appliances may even produce hums or limited noise. Appliances like refrigerators, microwaves, and compressors that use AC motors and some delicate medical equipment will be better off using a pure sine wave inverter. **Therefore, we kindly advise you to use the power station for emergencies and do not regard it as the alternative to the wall outlet for long-term use. Please check the power requirements of your devices before plugging them into the corresponding output ports.**

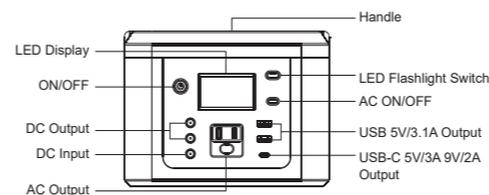
### [1] SPECIFICATIONS

Capacity	48000mAh / 177.6Wh
Dimensions(LWH)	7 x 4.2 x 4.2 inch / 180 x 140 x 140 mm
Weight	approx. 4.4 lbs / 2 kg
Built-in Battery Cell	100% Original High Quality Lithium ion Batteries
Input	Adapter: DC 15V/2.4A Solar Panel: DC12V-25V/2.4A(Max)
Recharging Time	DC 15V: About 7 hours
Output	USB1+USB2: 5V/3.1A (total) USB C: 5V/3A 9V/2A
DC Output(MAX)	DC1+DC2: 9V~12.6V/10A(Max)

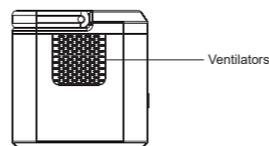
AC Output	100V~120V/50Hz~60Hz Continuous Power: 180W Peak Power: 200W Peak 200W ( Modified Sine Wave ) .
Bulb Type	3W LED Flashlight x 2
Power Indicator	LED Display
Working Temperature	14 F-104 F / -10°C-40°C
Lifecycle	>1000 times
Package include	1 x Portable Power Station 1 x Power Adapter 1 x DC to Cigarette Lighter (Female) Connector 1 x Cigarette Lighter Adapter(Input) 1 x User Manual

### [2] PRODUCT DESCRIPTION

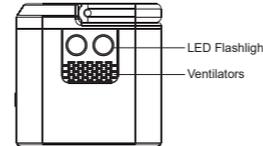
#### 【Front】



#### 【Left】

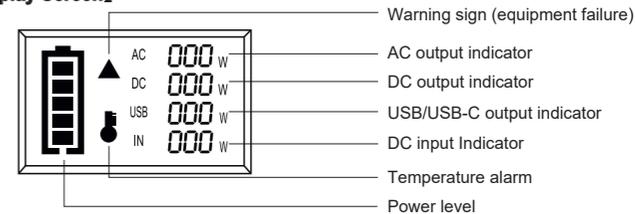


#### 【Right】



**ATTENTION!** AC Outlets, AC output voltage and frequency will be different according to different countries or areas. Please refer to the actual product before using.

### 【Display Screen】



※ Note: When the remaining power is less than 25%, the power level icon will flash to remind you to charge.

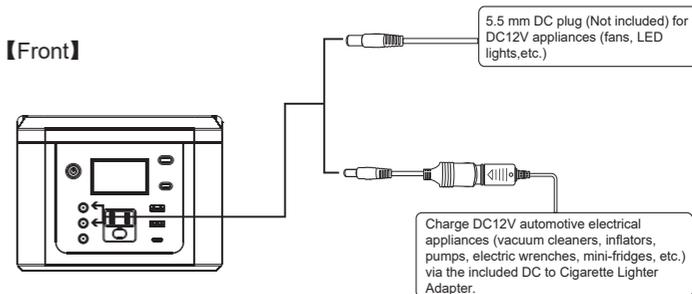
### [3] USING YOUR POWER STATION

#### 1). How to charge DC12V appliances (such as headlamp, fan) with this product?

Connect the appliance to the DC output port, short press the power switch to start charging. You can check the real-time power level of the power station on the LED screen.

**Attention:** please make sure that your DC12V appliance comes with a 5.5 mm DC plug (the diameter of the DC output port on this power station is 5.5 mm). You can contact the manufacturer of devices and purchase corresponding adapters if necessary.

#### 【Front】



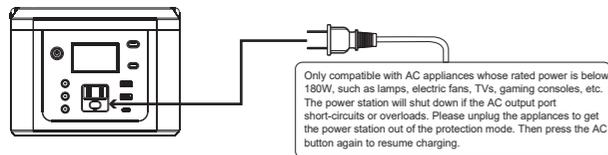
※ Note: The DC output voltage ranges from 9V to 12.6V and the maximum output current is 10A. Due to the chemical property of batteries, DC output voltage drops as the battery capacity goes down. If your DC12V appliances is not built in with input voltage stabilizer, it may shut down because of the low input voltage. So please unplug your device and recharge the power station in time.

**Protection Mode:**  
**Short-circuit/Overloading Protection:** If the DC output is short-circuits or overloads (>120W), the unit will shut down to protect itself. Please troubleshoot problems with your DC12V appliances before restarting the power station by pressing the power button.

## 2).How to charge AC appliances with this product?

Connect your AC appliance via its power cable to the AC output port of the unit. Short press the power switch to turn on, then switch on the "AC" button and the unit will start offering power to your appliances. You can check the real-time power level of the power station on the LED screen simultaneously.

【Front】



WARNING!The AC outlets, AC voltage, and frequency are different according to different countries; please carefully check whether the product specifications are consistent with the specifications of your appliances before use to prevent danger.

※ **When the AC port is not in use, turn it off to reserve power.**

**Protection Mode:**

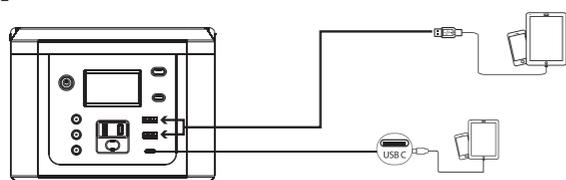
**Short-circuit/Overpower Protection:** If the AC output short-circuits or overloads (>180W), the unit will shut down AC output to protect itself. ※Devices like refrigerators, ice makers, or laser printer may require surge power (usually exceeds 200W) to operate, which may activate protection features of the power station. Please unplug the appliances and contact the manufacturer of your device for more information.

## 3). How to charge USB devices with this product?

Plug your USB device into the USB output port via its original USB cable. Then press the "⏻" button and the power station starts charging.

**USB-C Quick Charge Output:** This product supports Qualcomm Quick Charge 3.0 to charge compatible devices. The actual output voltage and current vary with devices. Please contact the manufacturer of your device for more information.

【Front】



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## 4). How to use the flashlight?

This unit is built with dual white LED flashlights. Press the flashlight button to turn it on and another press will enable the flashlights to switch to Blink / SOS mode. Press the button again to switch off the flashlights.

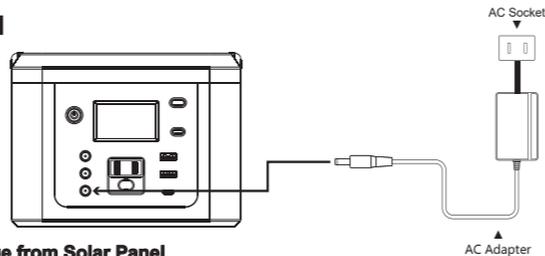
**Warning! Do not look at the flashlight directly in case of any damages due to the strong light.**

## 5).How to recharge the power station?

### a.Charge through AC Wall Charger

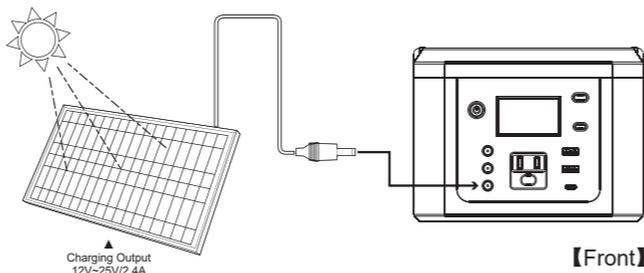
Using the included AC Wall Charger cable, plug the unit into a 110V wall outlet to charge the unit. You will know the unit is charging when the blue LED battery indicators are blinking. The unit is fully charged when all battery indicators stop blinking. You can check the real-time power level of the power station on the LED screen. After the unit is fully charged, please unplug the power station in time.

【Front】



### b.Charge from Solar Panel

- ① Place your solar panel where it will get as much direct sunlight as possible.
- ② Plug the output of the solar panel into the input of the unit to start charging. You will know the unit is charging when the blue LED Battery Indicator lights up and blinks. And it will display real-time charging wattage of the appliance on the LED screen. The unit is fully charged when all battery indicators stop blinking.



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## c.Charge from your car with a 12V cigarette lighter.

Using the included car charger, plug the unit into a 12V cigarette lighter socket of your car. You will know the unit is charging when the blue LED Battery Indicator lights up and blinks. And it will display real-time charging wattage of the appliance on the LED screen. The unit is fully charged when all battery indicators stop blinking and remain solid

**Attention: Charging this unit through your car cigarette lighter is only available when your car engine is started.**

## 【4】 SECURITY AND MAINTENANCE

- a) Do not short-circuit the unit. To avoid short-circuiting, keep the unit away from all metal objects (e.g. coins, hair-pins, keys, etc.).
- b) Do not place the unit close to or in a fire, near water, or expose it to heat. Keep away from high temperatures. Do not expose the unit to direct sunlight.
- c) Keep away from high humidity, dusty places.
- d) Do not disassemble or reassemble this unit.
- e) Do not drop, place heavy objects or hit the product strongly.
- f) This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- g) Children should be supervised to ensure that they do not play with the appliance.
- h) Do not cover the device with towels, clothing and other items.
- i) The unit may be hot when charging. This is normal. Use caution when handling;
- j) Do not charge the unit over the required time.
- k) Disconnect the unit when fully charged
- l) Use the unit properly to avoid electronic shock.
- m) Please deal with scrap products in accordance with the regulations, do not treat the built-in battery as a household garbage, so as not to cause the explosion and pollution.
- n) The product is only used for emergency situations, it cannot replace the standard DC or AC power of household appliances or digital products.

## 【5】 TIPS FOR APPLICATION

- a) We recommend you to use this unit within an ambient temperature of 14°F - 104°F to ensure the performance.
- b) When charging, in order to avoid interference, please keep the unit away from TV, radio and other equipment.
- c) Please unplug the cable and store the unit if you do not plan to use it in a while.
- d) To preserve the battery lifespan, we advise you to use and recharge the unit at least once every 6 months.

## BATTERY INFORMATION

Your device has an internal, non-removable, rechargeable battery. Do not attempt to remove the battery. The battery can be charged and discharged over 1000 times, but it will eventually wear out.

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## USE IN COLD WEATHER

Cold temperatures (below freezing) can affect the unit's battery capacity due to chemical property of the battery. If you'll be living off-grid in sub-zero conditions, we recommend you to keep your unit in an insulated cooler and connect the power station to a power source (solar panels). The natural heat generated by the unit contained in an insulated cooler will keep battery capacity at its

## RECYCLE

Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials.

## STATEMENT

I. FCC Statement:

The operation meets the following two conditions:

- (1) The equipment will not cause harmful interference,
- (2) The equipment must accept any interference received, including interference that may result in accidental operation.

Note: The equipment has been tested and meets the restrictions of Category B digital equipment in Part 15 of FCC Rules.

These restrictions are designed to provide reasonable protection against harmful interference in housing installation.

This equipment will generate, use and radiate radio frequency energy. If it is not installed and used according to the instructions, it may cause harmful interference to radio communication.

However, there is no guarantee that interference will not occur in a particular installation. If the device does cause harmful interference to radio or television reception (which can be determined by switching off and switching on devices), users are advised to attempt to correct the interference by one or more of the following measures:

Re-adjusting or placing the receiving antenna.

Increase the distance between the device and the receiver.

Connect the device to a different circuit outlet from the circuit connected to the receiver.

Consult distributors or experienced radio/television technicians for help.

## WARRANTY

Dr.Prepare products are covered by a 12-month limited warranty from the original purchase date. If any problems occur, please contact our support team.

We only provide after-sales services for products that are sold by Dr.Prepare or retailers and distributors authorized by Dr.Prepare. If you have purchased your unit from other channels, please contact your seller for more information about return and warranty.

## CUSTOMER SUPPORT

If you have any questions or concerns, please send us an email at [support@drprepare.com](mailto:support@drprepare.com)



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