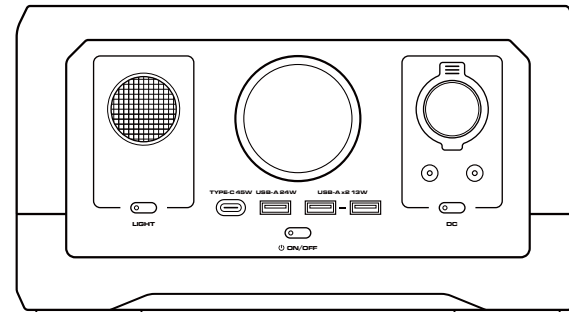


**E3** | 300W/76800mAh  
**POWER STATION**

# User's Manual



- 1, Please keep dry and stay away from the fire.
- 2, Don't disassemble, stab or impact the product strongly.
- 3, Please recycle and dispose the product accord to the local laws and regulations.

## IMPORTANT SAFETY INSTRUCTIONS

**WARNING - The following basic precautions must always be observed when using this product.**

01. Please read the user's manual carefully before using this product.
02. To reduce the risk of injury, close supervision is required when using this product near children.
03. Please do not put your fingers, palms or any part of your body into the product.
04. Use of non-recommended accessories may cause fire, electric shock or personal injury.
05. Please do not use damaged or modified battery packs or devices.
06. Please do not use this product with a damaged cord, plug or output cable.
07. Please do not disassemble the power supply by yourself when the product requires maintenance or repair. Incorrect disassembly methods may cause fire or electric shock. Please submit the portable power supply to a qualified service provider.
08. When the product fails, please disconnect the portable power supply from the socket before carrying out any guided maintenance operations to reduce the risk of electric shock.
9. Charge the internal battery in a well-ventilated place and do not obstruct air circulation.
10. Under extremely conditions, liquids may be sprayed out from the battery. Your hands or eyes are required to avoid contacting with the battery and liquids. If the accidental contact occurs, rinse with clean water. If liquid contact with eyes, seek other medical help.
11. Please do not expose the product to fire or excessive heat environment.
12. Maintenance is provided only by qualified service personnel.
13. The mobile power station must be charged with an officially designated charging cable. The company will not be responsible for providing free maintenance services for all the consequences of charging non-original accessories that cause product failures.

**Please keep this safety instructions.**

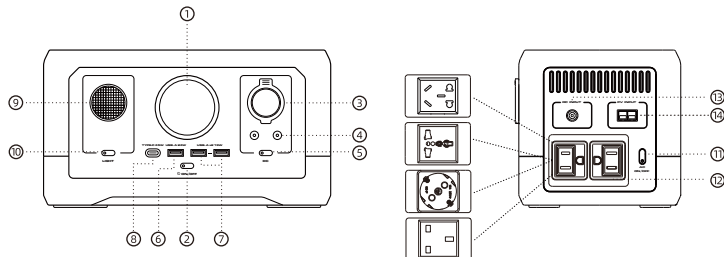
## USE, MAINTENANCE AND SAFETY GUIDE FOR E3

First of all, congratulations on having the best quality portable power station in the world! This manual will give you a help. Please take a little time to read the manual and follow the instructions. It's easy for you to be able to fully grasp the method to use the product. If you are not used to read the user's manual, please at least note that to turn on or turn off E3 portable power station, you need to press and hold the power button (Ⓔ). To initiate the AC output power port, you need to press and hold AC ON/OFF (Ⓘ) while E3 portable power station is on. This is intentionally designed to conserve battery power for emergencies. Features of the E3 portable power station: please read this manual to know each of the E3's ports, buttons, displays, etc., one by one. Technical parameters and specifications: to get to know the technical specifications of an advanced portable power station like E3.

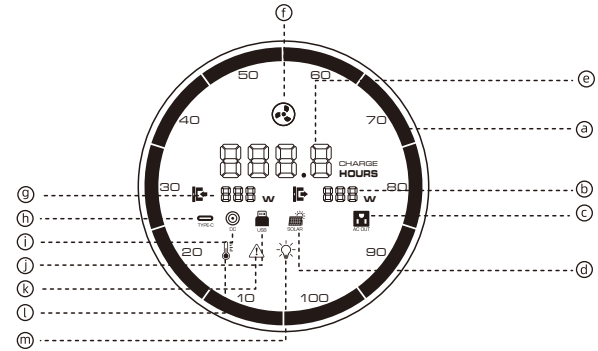
How to charge E3 portable power station: Via an adapter or solar panel.

FAQ: answers to important questions like how to maintenance, store and use E3 portable power station and how to keep it safely etc.

Packing list: a list of items you will receive with the purchase of the E3 portable power station. If you find missing items on the list, please contact with us at.



## 1. LCD display



- a. **Electricity column / numeric percentage display** - energy bar shows current SOC (State of Charge). Each grid of the electricity quantity is 10%. When the battery level falls below 20%, please charge E3 portable power promptly.
- b. **Current output** - displays the current power output level of E3 portable power in Watts (W). When multiple ports are operating at the same time, the total current output power is displayed.
- c. **AC OUT indication** - When AC switch is pressed, AC OUT indication icon lights up. OUT PUT power shows the current level (refer to b Current Output).
- d. **Solar charging indication** - when solar panel is used to charge E3 portable station, the SOLAR indicator icon lights up. The input power starts to increase and the remaining usage time becomes the charging time (refer to F charging indication).
- e. **Remaining chargeable/rechargeable time** - the remaining chargeable/rechargeable time is determined based on the current power consumption of E3 portable power station.
- f. **Fan Indicator** - the fan speed of E3 portable power station is positively related to the amount of load and ambient emperature, the higher load or higher ambient temperature, the faster the fan speed.
- g. **Current Input** - displays the current power input level of E3 portable power station in Watts (W).
- h. **Fast charging Type-C port** - use Type-C to charge the devices including Macbook Pro. Select phones and any other device that charges via Type-c port. The USB/Type-c output indicator icon will automatically light up when pressing the Power key switch (the USB port is powered out at the same time).
- i. **DC Output** - When the DC switch is pressed, the DC icon is illuminated. The 5521 and cigarette lighter port outputs can supply power at this time.
- j. **USB port** - Charge a variety of devices such as Phones, tablets, GoPros, speakers or anything else that charges through USB port. The USB output indicator icon will automatically light up when the USB port is in use. (The USB/Type-c ports share a common switch and do not need to be switched on repeatedly).
- k. **Overload Protection** - When the load power is greater than the rated power of E3 main unit, the output will be automatically switched off and OVERLOAD will be illuminated to protect the appliance lifespan and to keep the safety of the main unit. Please do not use an appliance that exceeds the rated power, and turn on the AC output switch manually when using it again.
- l. **High Temperature Indicator** - When the thermometer red icon lights up, it shows abnormal temperature for E3 portable power station. All input and output functions will stop operating and the fan will run on. E3 portable power station will automatically resume operation once the core or relevant port has been cooled down.
- m. **LED light** - this icon on the screen will illuminate when the light illumination is switched on.

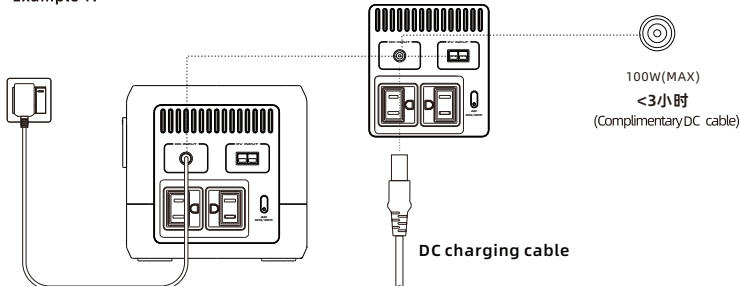
- Main power button** - tap the switch for 2 seconds to turn on E3 portable power station. When E3 portable power station is on, the display lights up at the same time; Press the power button to enable or disable USB, TYPE-C, and wireless charging. When E3 portable power station is not in use, please press and hold the power button inwards for 2 seconds to turn off the power, to preserve the power well and protect the battery health.
- Car charger output port** - 1 car charger output port, supporting a maximum of 10A current output. (Default output 10.8-16.8V, output voltage can be set via APP. It can be used for general car appliances and also for charging 12V lead-acid batteries of small cars (must be operated under the guidance of professionals).
- DC output** - 2 DC 5521 DC output ports, supporting a maximum of 3A current output, can be connected to DC 5521 specification equipment power supply. Default output 10.8-16.8V, output voltage can be set via APP. When using this port, please check whether the APP output voltage setting matches your device. (Note: it should be synchronized with the output voltage of the car charger, please pay attention to the adjustment of output voltage when using it)
- DC Output Zone Switch** - tap DC ON/OFF button to turn on or turn off DC power of E3 portable power station, the button indicator will be on or off. This button controls two DC 5521 ports and one car charger port of E3 portable station. When the DC outputs are not in use, turn off the power supply in order to conserve power and protect the battery health.
- USB-A1 output port** - USB-A1 with a maximum output of 24 watts.
- USB-A2 output port** - contains 2pcs USB-A ports with a maximum output of 13 watts.
- Type-C Output Port** - 1 Type-C port supporting up to 60 watts of power, if your device does not support fast charging, the device will be charged at normal speed.
- Auxiliary light** - LED auxiliary light. holding the LIGHT/IOT button for 2 seconds, the WiFi connection setting is reset.
- Auxiliary light/IOT switch** - LED auxiliary light switch, tap ON/OFF switch to turn on or turn off LED auxiliary light.
- AC output zone switch** - if you tap AC output switch zone ON/OFF, AC power button indicator for E3 portable power station will be turned on or off. AC output port starts or stops output operation.
- 2pcs AC output outlets (100-120V zone) / 1pcs AC output outlet (200-240V zone)** - charging the devices with voltage of 110V (100-120V zone) / 220V (200-240V zone) (total output power is 700W), please notice the device power and voltage before connecting more devices. Excessive power may cause your device not working properly or being damaged.
- charging input port** - means you can connect the product to the wall AC power supply while using E3 portable power station
- Solar charging input port** - supports up to 1pcs 100W solar panels in series, no limit to the number of parallel connections, but the unit itself will be limited to a maximum 100W input.

## HOW TO CHARGE E3 PORTABLE POWER STATION

E3 portable power station has 3 charging modes: an DC charging port for home grid and mains electricity (as shown in diagram 1). An Anderson port via a car charger (as shown in diagram 2). There is also the possibility of charging E3 portable station via solar panels (as shown in diagram 3).

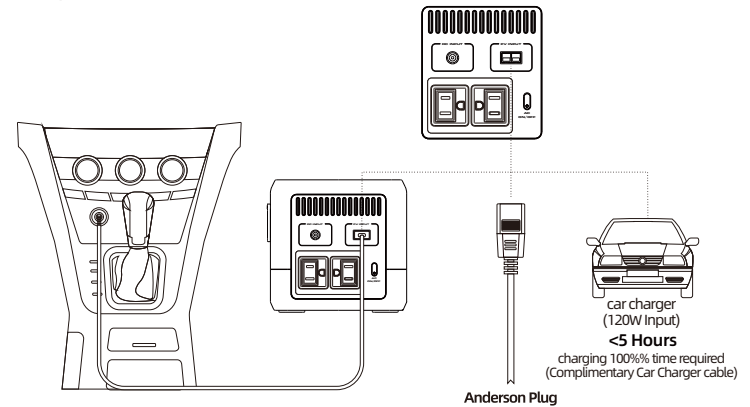
※ Charging E3 portable power station can realize electricity output simultaneously.

### Example 1:



Plug one end of the adapter cable provided with the host into the DC port (as shown in the picture), and the other end into the home grid socket to charge the host.

### Example 2:

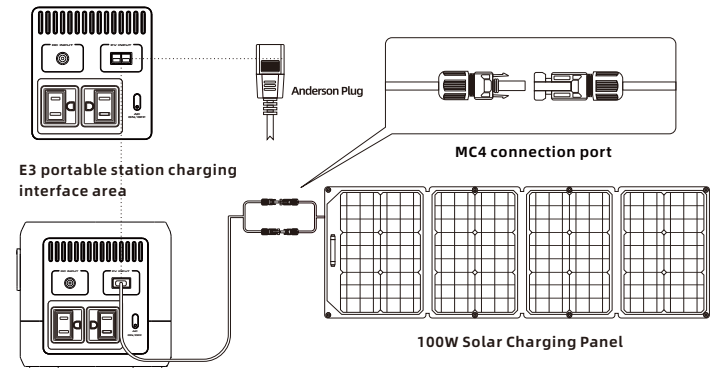


The main unit can be charged by plugging the cigarette lighter to Anderson connection cable supplied with the main unit into the Anderson port (as shown in the diagram above) and the other end of the car charger into the car cigarette lighter.

※ Please do not charge E3 portable power station with car charger when the engine is cut off, because this act will cause over-discharging of the car's lead-acid battery, and will cause the car engine unable to start.

### Example 3:

The user can charge E3 portable station via the MC4 interface of solar charging panel in the way (as shown in diagram 3)



## TECHNIAL SPECIFICATIONS

### GENERAL SPECS

|                           |                                    |
|---------------------------|------------------------------------|
| Size                      | 25.4x14.4x13.7cm (10x5.7x5.4 inch) |
| N.W.                      | 2.9KG (6.4lb)                      |
| Capacity                  | 285 Wh / 14.8 V                    |
| Testing and Certification | PSE/UL/FCC/CE/ROSH                 |

### Output

|                    |   |
|--------------------|---|
| AC Output          | 300W (Surge MAX 600W) , 110V / 220V (50Hz/60Hz) |
| USB-A1*1 Output    | support 5V/9V/12V , max power 24W               |
| USB-A2*2 Output    | support 5V , max power 13W                      |
| Type-C Output      | support 5V/9V/12V/15V , max power 45W           |
| Car charger output | support 11-16.8V , 8A Max                       |
| DC 5521 * 2        | supports 11-16.8V 8A MAX                        |

### Input

|                       |                   |
|-----------------------|-------------------|
| DC Charge Input Power | 11-30V , 100W MAX |
|-----------------------|-------------------|

### Battery

|                       |   |
|-----------------------|---|
| Cell Chemistry        | NCM                                     |
| Cell Type             | 18650                                   |
| Pack                  | 4S4P , (4.8Ah*3.7V) *(4*4)              |
| Discharge Temperature | 14°F ~ 140°F ± 5°F (-10°C ~ 60°C ± 3°C) |
| Charge Temperature    | 32°F ~ 113°F ± 5°F (0°C ~ 45°C ± 3°C)   |
| Life Span             | 800 cycles ( battery charge 80% )       |

## FAQS

How to safely use E3 portable power station : Please use E3 portable power station within the allowed operating temperature. It may cause E3 portable power station exceeding its safe and effective operating limits over the optimum operating temperature. Please do not soak the main unit in water, E3 portable power station is not waterproof. Please note that watertight use does not invalidate the terms of the warranty. Continuous use of high-power electrical appliances output may cause overtemperature protection due to the high temperature of the host, which is a normal phenomenon. Please wait for about 30 minutes to 1 hour before using or charging.

### How to charge E3 portable power station:

1. E3 portable power station must be charged using the officially specified charging cable. We will not be responsible for any consequences caused by charging with nonoriginal accessories.
2. When charging, please put the machine on a flat surface free from flammable or combustible materials. Please be present while the product is charging to prevent accidents.
3. If the product battery is at a high temperature after continuous full discharge, it is recommended to wait until the machine has been cooled down to room temperature before charging. Otherwise, charging may be prohibited. The rechargeable ambient temperature of the battery is 0°C to 40°C. The ideal charging ambient temperature (22-28°C) can extend the battery lifespan considerably.

### How to store and transport E3 portable power station for charging:

1. Please store E3 portable power station out of the reach of children. If a child accidentally swallows parts, seek medical help immediately.
2. When the device is low on power, please charge it before storing it. Otherwise, prolonged storage with a low charge may cause damage to the battery inside. If the device is severely undercharged and left idle for too long, the battery will go into deep sleep mode. If you need to wake the battery from deep sleep, select slow charging mode for the equipment until it is fully charged. To prolong the life of the battery, we recommend that you perform a deep discharge and a full charge by using the slow charger at least once every three months.
3. Prohibit putting E3 portable power station near heat sources, such as a vehicle in direct sunlight, fire or a heating oven.
4. The environment in which the equipment is stored should be kept dry. Please do not put the machine under water or in a place where water may leak.
5. Prohibit storing or transporting the equipment with glasses, watches, metal necklaces, hairpins or other metal objects.

※ E3 portable power station cannot be carried on board as required by civil aviation regulations!

### Disposal of product batteries.

1. Please ensure that the batteries of the equipment are completely emptied before placing the equipment in the designated battery recycling bin. Batteries are hazardous chemicals and should not be disposed of in the common waste bin. For details, please follow the laws and regulations for battery recycling and disposal.
2. If the battery unable to start when it over discharged, do not dismantle the power supply by yourself and please dispose of it.

### How to maintain E3 portable power station:

1. Do not store E3 portable power station at room temperatures above 60°C or below -20°C.
2. If the product is left unattended for a long period of time, this will affect its performance.
3. Please re-charge and re-discharge the battery at least every three months to keep it active.
4. E3 portable power station is widely used and may therefore require simple cleaning from time to time. Please wipe it with a dry, non-abrasive cloth. If the surface is excessively dirty, we recommend that you clean it with a special cleaner for portable phones and computer screens. Please do not expose the product to a large amounts of water!

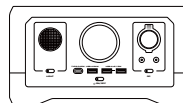
## Product Warranty Card

|                          |     |       |      |
|--------------------------|-----|-------|------|
| Name:                    |     | Tel:  |      |
| Address:                 |     |       |      |
| Purchase Date:           | Day | Month | Year |
| Warranty Effective Date: | Day | Month | Year |
| SN:                      |     |       |      |
| Purchase channel:        |     |       |      |

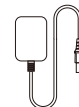
| DATE | Maintenance Record |
|------|--------------------|
|      |                    |
|      |                    |
|      |                    |
|      |                    |
|      |                    |
|      |                    |

Thank you very much for your trust and support in the products.  
If you have any more problems ,you can contact us by phone or mail.

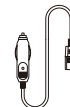
### PACKING LIST



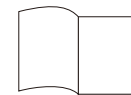
Portable Power Station



DC Cable  
(Input)

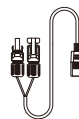


Car Charge Cable  
(Input)

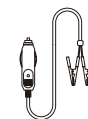


User Manual  
&  
Warranty Card

### OPTIONAL ACCESSORIES



Solar charge Cable  
(MC4 to Anderson Input)



Car battery Clamps  
(Output)

※ You can be purchased from 3E shop