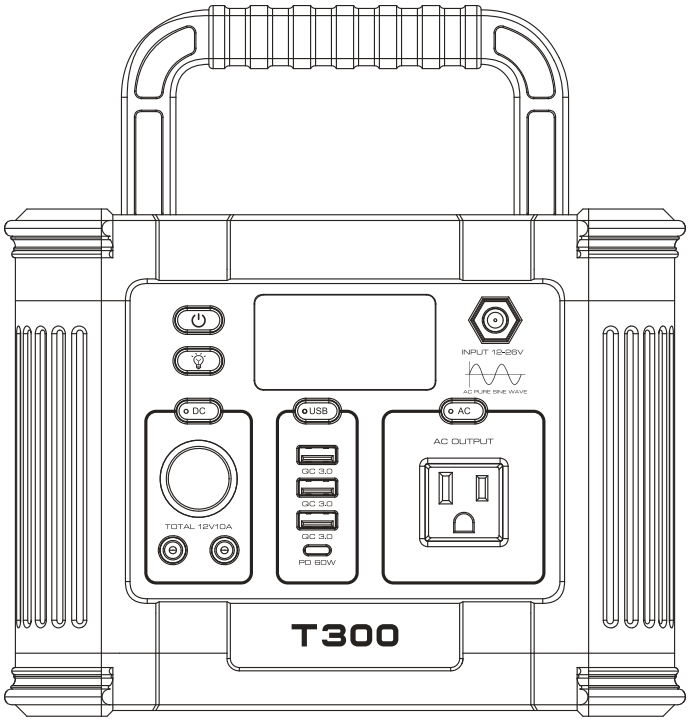


USER MANUAL

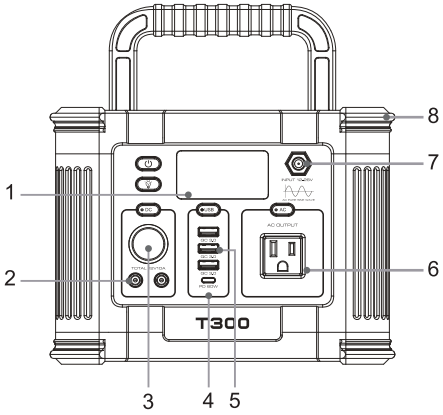
Thank you for purchasing T300 portable power station

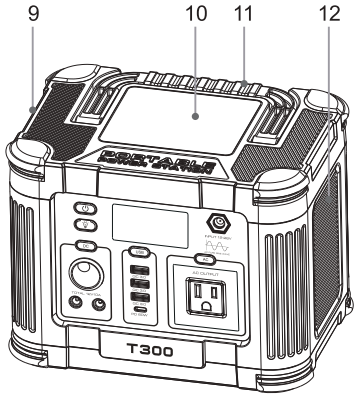
To make sure your personal safety, property security and user experience, please read this manual carefully before operating and retain it for future reference.

⚠ CHARGE FIRST!

Before using your new Power Station T300, plug it into a suitable power outlet until it is fully charged. Then you can start your exciting journey with it.
Highly recommend to charge T300 when battery indicate less than 20%.

■ Feature Details

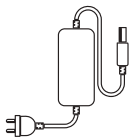
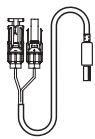
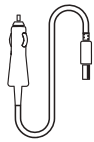
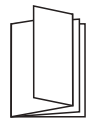




1. LCD Screen Display
2. DC Output*2
3. Cigarette Lighter Output
4. USB-C Output
5. USB-A Output
6. 330W Rated AC Output
7. DC Input
8. Anti-collision Strip
9. SOS MODE & LED light
10. Wireless Charger
11. Folding Handle
12. Air Intake Vent with Cooling Fan

Note: No user-serviceable parts inside.
Recommended to fully charge the T300 before use.

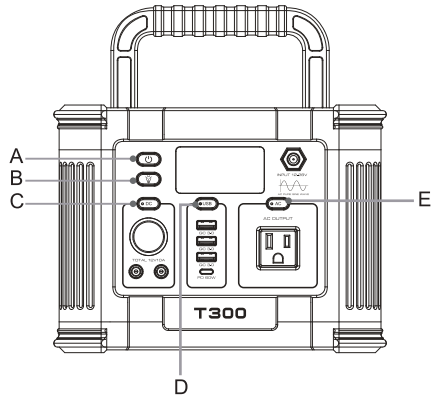
■ T300 Accessory List

			
AC 100-240V wall plug power adapter	MC4-7909 connector cable (optional accessory)	12V Car Charger cable (optional accessory)	User Manual

Recommend to use 60W/100W/120W Solar panel (not included).

■ Button Feature

A: T300 Power ON/OFF Button
B: SOS mode & LED light Button
C: DC Output Power ON/OFF Button
D: USB Output Power ON/OFF Button
E: AC Output Power ON/OFF Button



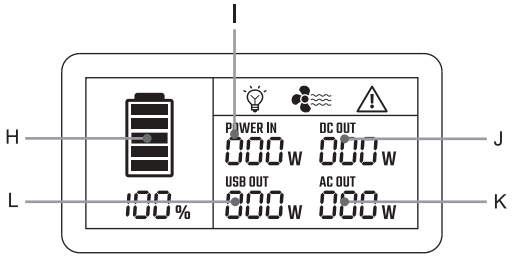
■ Buttons Function

- **Button A: T300 POWER ON/OFF**
  Button A is the master switch. Press Button A to turn on the power or to shut down the output(s) when not in use.
- **Button B: SOS MODE& LED LIGHT**
  The function is available no matter the Button “POWER ON/OFF ” is activated or not as the following steps:
  Firstly, press Button B to turn on the LED light into the LED light mode. Secondly, double-click it to turn on the SOS mode.
  Thirdly, press Button B back to LED light mode, then press it again, the light will be turned off.
- **Button C: DC OUTPUT POWER ON/OFF**
  Please make sure the button “POWER ON/OFF” is activated before pressing Button C to turn on; Press Button C to shut down the output(s) when not in use.
- **Button D: USB OUTPUT POWER ON/OFF**
  Please make sure the button “POWER ON/OFF” is activated before pressing Button D to turn on; Press Button D to shut down the output(s) when not in use. The USB-C cable of different devices needs different endorsements of corresponding protocols, if the USB-C port doesn't work, try to use the AC adapter to charge.
- **Button E: AC OUTPUT POWER ON/OFF**
  Please make sure the button “POWER ON/OFF” is activated before pressing Button E to turn on; Press Button E to shut down the output(s) when not in use.

- **WIRELESS CHARGER**
  Press “POWER ON/OFF" Button to turn on the wireless charger.
  Press "POWERON/OFF" Button to shut down the output(s) when not in use.

- **Cooling Fan**
  T300 utilizes an internal cooling fan to ensure the product is operating within the appropriate temperature range. T300, when it experiences a higher output load, will automatically turn on the fan during discharge or recharging, the fan may operate intermittently to keep the internal temperature within operating range.
  The fan will likely start when the AC circuit is activated to ensure proper operation.

■ LCD Features



H: Battery Level Indicator
I: Input Status
J: DC Outputs Status
K: AC Outputs Status
L: USB Outputs Status

Note:

- The LCD Screen will enter Sleep Mode after 20s of inactivity, and will Wake up when inputting a charging cord or when any button is pressed.

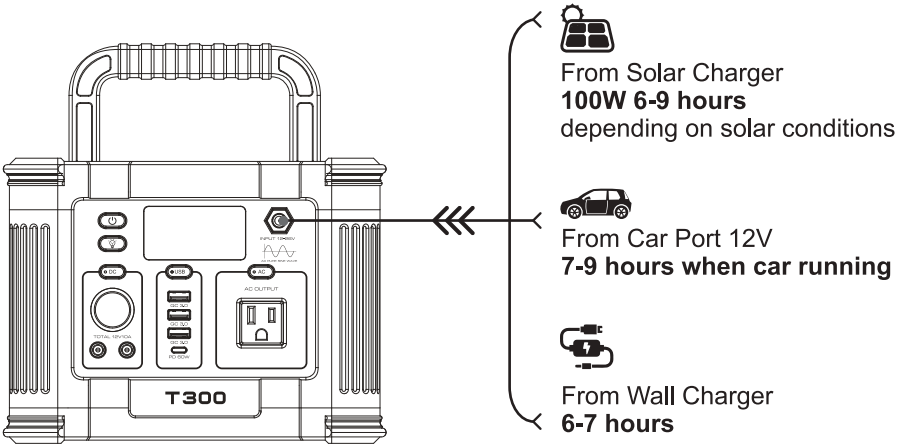
- When the output power of the device is less than 5W, the device will go into hibernation after more than 8 hours, and the input can be "awakened" when the input is charged or any button is pressed. When not in use, press the switch button to turn off the output.

■ General Specifications

General Specs			
	Rated Capacity	288.6Wh	
	Net Weight	about 3.6kg	
	Weight (including accessories)	about 4.5kg	
	Product Size	244 x 171 x 177mm	
Input			
	Recharging Input Voltage	12-26V	
	Recharging Input Power	55W	
	AC/DC Adapter	AC100-240V (50Hz/60Hz), DC15V⎓4A	
	Solar Charge Input	DC12-26V, 55W Max	
	Car Charger	DC12V, 55W Max	
Output			
	AC Output Voltage	110V±10%/60Hz	
	Rated Output Power	330W	
	Peak Output Power	600W	
	Output Waveform	Pure Sine Wave	
	Overload Protection Power	360W±20W	
	Cigarette Lighter Output	12V⎓10A	Total 10A
	DC 55*2.1 Output x 2	12V⎓5A	
	USB Output	QC3.0/18W	
	Type-C Output	PD60W	
	Wireless Charger	5W	
	LED Lighting	3W/SOS	
Battery			
	Standard Capacity of Batteries	11.1V 26AH	
	Recharging Temp	32 to 104°F (0 to 40°C)	
	Discharging Temp	14 to 113°F (-10 to 40°C)	
	Storage Temp	-4 to 113°F (-20 to 45°C)	

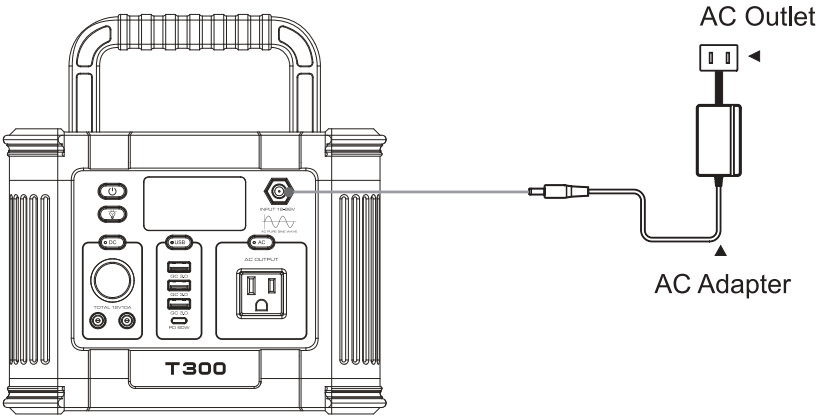
How to Charge

Note: DO NOT CONNECT DEVICES VIA AC OUTPUT WHILE CHARGING THE T300.
CHARGING T300: It is recommended to disconnect the T300 when fully charged and fully charge T300 every 3 months to maintain the health of the battery pack.
Do following: Check the input charge cable. The port will be efficient when the input charge cable meets the specification outlined in the GENERAL SPECIFICATIONS section. Note that when you first plug in a power source, whether it's a solar panel or a wall charger, the T300 may take a minute to detect and adjust its charge circuitry before it starts drawing power from the source.



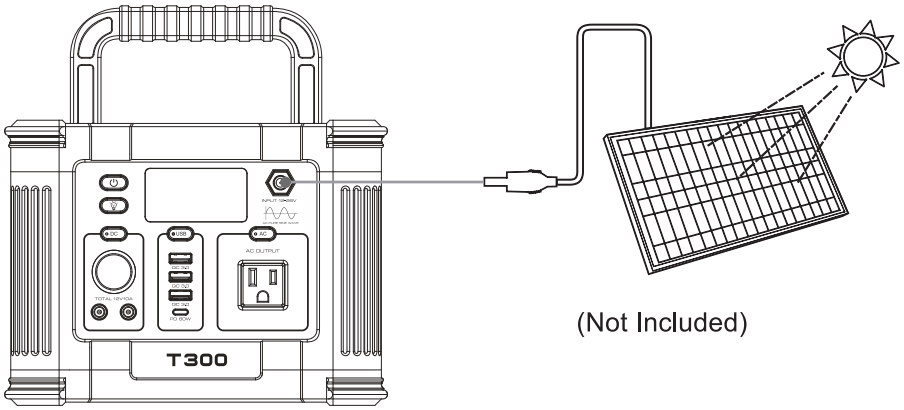
AC Adapter Charging

It will take 6-7 hours to charge fully by using the AC adapter we provided.



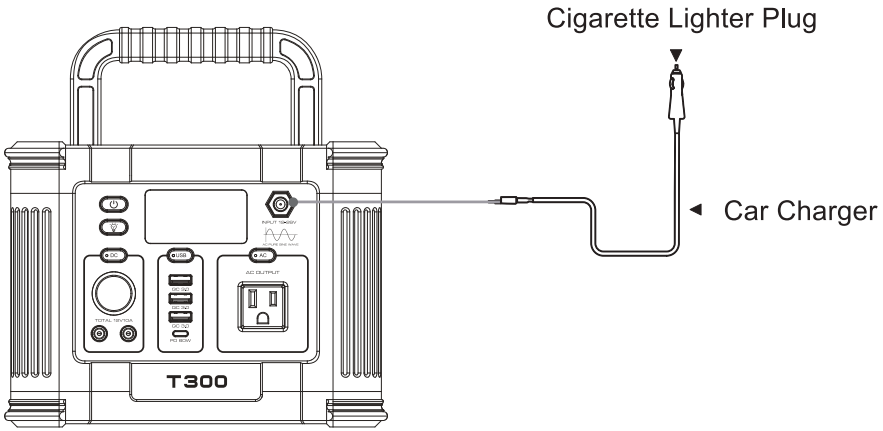
■ Solar Panel Charging

1. DO NOT charge the unit via solar panel that operate voltage outside of DC12-26V
2. Place Solar Panels in direct sunlight as much as possible.
3. Support 60W/100W/120W Max Solar Panels (Not included), the charging time is determined by the solar light intensity.



■ 12V Car Charger Charging

Use the Car Charger we provided to charge this unit. The full charge time takes 7-9 hours. When the LCD display shows the battery power of 100%, it indicates that this unit is fully charged.



■ What it Powers

 Laptops (41.4Wh) **Around 6 Recharges**	 32" TV (60W) **Around 4 Hours**	 CPAP Without Heated Humidifier (15W) **16 Hours**	 Gopro (5.9Wh) **Around 42 Recharges**	 Floodlight (4W) **Around 62 Hours**
 Mini Fridge (40W) **Around 6 Hours**	 Drone (89.2Wh) **Around 2.8 Recharges**	 Smartphone (10Wh) **Around 25 Recharges**	 Switch (16Wh) **Around 15 Recharges**	**+MORE**

POWERING / CHARGING DEVICES WITH T300:

Select the type of outlet required by pressing the Output ON/OFF Button C/D/E. The output port will NOT function until the appropriate button is pressed to activate the port. When activated, the LCD display will turn on and provide details on the charging output, indicating that the output(s) are active. The LCD Screen will automatically shut down when no outputs are activated.

PASS-THROUGH CHARGING:

The advanced battery management system of the T300 allows it to charge a connected device via DC output & USB output while charging the T300.

OVERLOAD CONDITION:

If an overload condition occurs on the OUTPUT port, T300 will: Automatically turn off AC Output power. The white indicator light of LCD Screen is still illuminated. DC OUTPUT Status is still the same status as usual.

■ Safety Instructions

Read the following instructions to ensure safety before using. Improper use may result in fire, property damage, or personal injury.

⚠ Product Use:

- DO NOT use any inappropriate power cords.
- DO NOT place the unit close to or in a fire on exposing it to heat. Keep out of direct sunlight.
- DO NOT charge, use or store the unit in a bathroom or in an area exposed to rain or moisture. Do not drop the unit into the water. If the battery in the unit comes into contact with water, it may cause chemical decomposition of the battery. This may cause the battery to catch fire or explode.
- Never use or charge swollen, leaky, or damaged batteries. If your battery is abnormal, contact us to get support.
- Never install or remove a battery from the unit when it is turned on.
- DO NOT use the batteries in strong electrostatic or electromagnetic environments. Otherwise, the battery control board may malfunction and cause a serious accident.
- Never disassemble or pierce the product in any way. Otherwise, it may leak, catch on fire, or explode.
- DO NOT use the product if it was involved in a crash or a heavy bump.
- If the product falls into the water during use, take the product out immediately and put it in a safe and open area. Keep a safe distance from it until it is completely dry. Never use it again and dispose of it properly as described in the Battery Disposal section below. If the product catches fire, it is recommended to use fire extinguishing equipment in the following order: water or water mist, sand, fire blanket, dry powder, carbon dioxide fire extinguisher.
- Do Not allow pins, wires, or other metal pieces to insert into the device case, outlets or controls. Metal pieces may short circuit the product.
- Avoid collision. DO NOT place heavy objects on the machine.
- Use and store the unit only in a clean and dry environment. Do not use and store in a dusty and wet environment.
- If there is dirt on any plug or outlet surface, use a dry cloth to clean it. Otherwise, it will cause abrasion and result in energy loss or inability to charge.
- DO NOT put the machine in a microwave oven or in a pressurized container.

Product Recharging:

- DO NOT charge the unit via power supply systems that operate outside of AC100-240V.
- DO NOT charge the unit via a solar panel that operates voltage outside of DC12-26V.
- Always use approved attachment charging cables. we take no responsibility for any damage caused by using other brand charging cables.
- When charging, please place the product on the ground with no flammable or combustible materials around. To prevent accidents, never leave the machine unattended during charging.
- DO NOT charge a product immediately after a long heavy load, because the product's temperature may be too high. DO NOT charge a product until it cools down to room temperature.
- Only charge, use the unit within an ambient temperature of 0 to 40°C (32~104°F). The ideal charging temperature range is 71ºF to 82ºF(22°C to 28°C).

Equipment Cleaning

Please make sure that the device is disconnected from all input power and output devices. Wipe with a clean, dry, non-soft cotton cloth. Removing any foreign objects, dirt, or other obstructions on the vents on both sides. When cleaning foreign objects in the side vents, do not allow debris, dirt, or other Blockage to enter the equipment.
Do not use corrosive cleaners or solvents.
Do not use compressed air to clean the side cooling vents, as it will cause foreign particles to enter the interior and cause a short circuit.
Note: To avoid the risk of electric shock, do not use metal objects to clean the ports.

Storage

Keep the product out of the reach of children. If any children accidentally swallow parts, please go to a doctor immediately.
If a low-battery warning appears, charge the battery before storing it.
If it will be stored for more than 1 month, please charge it to 50% capacity and keep it indoors, at normal temperature, and the maximum storage time shall not exceed 6 months. please keep away from direct sunlight (see the general specification section).
Store the product in dry environments. DO NOT place the product where it may contact with water.

Excessive temperature will lead to reduced service life, overheating, and fire. Extremely cold conditions below the specified storage range can also impair the performance and service life of the equipment.
Please keep away from corrosive chemicals and gases.
Make sure no small metal objects can fall on or around the product while in storage.

⚠ Product Maintenance

Check as needed. Never store the product in environments below -20°C or above 45°C.
Battery life may be reduced if not used for a long time.
If the T300 energy storage power supply cannot be used regularly, please charge and discharge it every 3 months under normal temperature to keep the service life. Regularly check all ports and wall chargers for any debris, dirt, damage, and corrosion.
Do not disassemble the device privately.
Do not cover the equipment with towels, clothes, or other items. Regularly observe the side vents for dust and foreign matter, and clean them according to the cleaning procedures specified in the manual.

■ Trouble Shooting

T300 does not discharge:
(1) Checking whether the connecting wire has been inserted in right place;
(2) Checking whether the total output power exceeds the rated output power;
(3) Checking whether the temperature of the equipment is too high.

T300 is not charging:
(1) Confirming that the AC socket on the wall and the AC charging cable are fully inserted into the AC input terminal;
(2) Confirming whether the battery pack wiring is in good condition and whether the switch of the battery pack is turned on;
(3) The device cannot be charged immediately after it is discharged, please put it aside for an hour and try again, it may enter the over-temperature protection.

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions.

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC ID:2BASNT300MV1000

■ Note

A photovoltaic panel as input for charging the internal battery shall be provided with an inverter and/or a charge controller in accordance with UL 1741 or UL 62109-1; The external power supply shall be a power source in accordance with the Standard UL 60950-1 and CAN/CSA C22.2 No. 60950-1, or UL 1310 and No. 1, CAN/CSA C22.2 No. 223, or No.1, CAN/CSA C22.2 No. 223; A vehicle adapter that complies with the enclosure and input contacts requirements in the Standard for Vehicle Battery Adapters, UL 2089, and Power Supplies, CAN/CSA C22.2 No. 107.1. The connector plug shall incorporate a fuse or other protective device having a current rating not greater than 15 A.

INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS

1. WARNING – When using this product, basic precautions should always be followed, including the following:

a) Read all the instructions before using the product.

b) To reduce the risk of injury, close supervision is necessary when the product is used near children.

c) Do not put fingers or hands into the product.

d) Use of an attachment not recommended or sold by power pack manufacturer may result in a risk of fire, electric shock, or injury to persons.

e) To reduce the risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the power pack.

f) Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.

g) Do not operate the power pack with a damaged cord or plug, or a damaged output cable.

h) Do not disassemble the power pack, take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.

i) To reduce the risk of electric shock, unplug the power pack from the outlet before attempting any instructed servicing.

j) WARNING – RISK OF EXPLOSIVE GASES.

1) To reduce the risk of battery explosion, follow these instructions and those published by the battery manufacturer and manufacturer of any equipment you intend to use in the vicinity of the battery. Review cautionary marking on these products and on engines.

k) PERSONAL PRECAUTIONS

1) Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.

2) Wear complete eye protection and clothing protection. Avoid touching eyes while working near the battery.
3) If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters the eye, immediately flood the eye with running cold water for at least 10 minutes and get medical attention immediately.
4) NEVER smoke or allow a spark or flame in the vicinity of the battery or engine.
5) Be extra cautious to reduce the risk of dropping a metal tool onto the battery. It might spark or short-circuit battery or other electrical parts that may cause an explosion.
l) When charging the internal battery, work in a well-ventilated area and do not restrict ventilation in any way.
m) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
n) Do not expose a power pack to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause an explosion. The temperature of 130°C can be replaced by the temperature of 265°F.
o) Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained. SAVE THESE INSTRUCTIONS.

■ Disposal/Recycle

Do not put the device and its accessories in the trash can. Items must be properly handled in accordance with local laws and regulations. Please see www.epa.gov for additional information.

■ Warranty & Customer Service Support

Thanks for purchasing our 330W portable emergency power station. If you have any questions about it, please feel free to contact us.

All products come with a full 1-year limited warranty from the date of purchase (accessories excluded). It will be out of guarantee if damaged due to incorrect use or force majeure.

Due to constant technology update, product specifications and configuration changes, please refer to the actual product.