

ELECSTOR-296WH

300W Portable Power Station 80000 mAh

USER MANUAL



Thank you for choosing the ELECSTOR - 300W

Portable Power Station 80000 mAh - 296WH

Before operating this unit, please read the USER MANUAL carefully to get the most out of the device.

ALWAYS CHECK THE VOLTAGE, CURRENT AND POLARITY OF YOUR DEVICE IN ORDER TO SELECT THE CORRECT CORRESPONDING VOLTAGE WHEN CONNECTING TO THE UPS.

Thank you for purchasing the ELECSTOR - 300W

This product has passed strict quality inspection. According to the instructions of this warranty card, we are responsible for the free maintenance of hardware failure caused by product quality problems under normal use within the warranty period.

Warranty Description: (the warranty scope is limited to the main engine, excluding accessories and free gifts.)

- All users who purchase this product will enjoy the package service according to the relevant national regulations.
- If the product has quality problems and is not damaged, disabled or repaired by the user, and is still packaged in good condition, it can be replaced within 7 days of purchase.
- The Elecstor - 300W Portable Power Station comes with the following warranty:
 - 1 Year Limited on product.
 - 3 month warranty on the Battery
- The warranty will be invalid under the following circumstances; maintenance service will be provided, but the corresponding parts and repair fees will be charged for the maintenance:
 - Damage was caused by user error, including damage caused by using product in abnormal working environments and not following the instruction manual, etc.
 - The user disassembles the machine, repairs or refits themselves or by an unauthorized organization
 - Damage caused by majeure.
 - There is no warranty card and valid purchase verification, and user information cannot be verified.
 - Product barcode and production date are torn (outer package)
 - Product QR code is damaged (product ontology).
 - Beyond the warranty period.

ELECSTOR - WARRANTY CARD

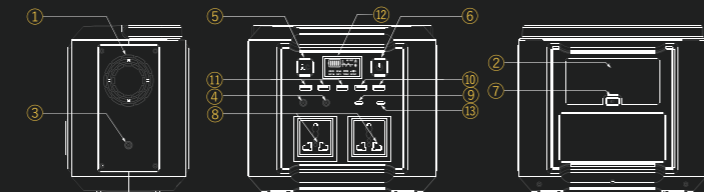
USER NAME	
PURCHASE DATE	
CONTACT DETAILS	
PRODUCT MODEL	
SALES UNIT	
SALES ADDRESS	
CUSTOMER ADDRESS	
INVOICE NUMBER	

About this unit ELECSTOR - 300W

This unit provides a USB, DC and AC output. In case of a power failure or while on-the-go, small electrical and digital devices can be charged with this unit.

If you use this unit to charge smaller devices with low power input, you need to turn on the low current output mode: double-click the 'AC' button, The LED display will flash. Please note that this mode must be manually closed by pressing (I/O) for 3 seconds. Please close this function when not in use.

Product Description:



- Cooling fan
- LED light
- DC IN 19V/3A
- DC 5.5mm x 2.1mm
- DC 12V/16.5V Output
- DC 5.5 mm x 2.1 mm
- AC Switch
- Power ON/OFF
- LED Switch
- AC Outlet
- Type-C Output 18W PD2.0
- USB Output 5-9V/2A
- 3 x USB Output 5V/6.2A (total)
- LED Display
- Type-C Output 27W PD2.0

WARNING

AC outlets, AC input voltage and frequency will be different according to different countries or areas. Please refer to the actual product before using it.

Always ensure that the power required of your device does not exceed the power output of the power station.

LED Display

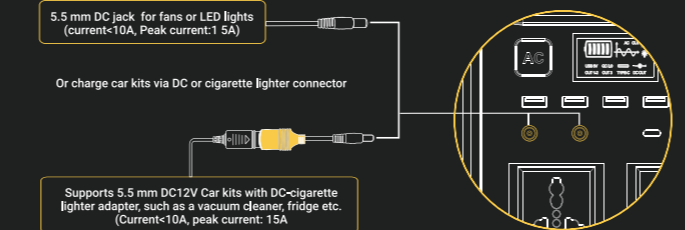


100% 80% 60% 40% 20%

Product Instructions:

1.) How to power 12 V DC devices:

Plug your device into the 5.5 mm x 2.1 mm DC output port on the power station, press the (I/O) to switch DC output on. Press and hold the button for 3 seconds to switch off.



Protection Mode: Short Circuit/ Overpower Protection:

If the DC output is short-circuited, the unit will shut down to protect itself. Please clear the problem and restart the device. If the DC output is overpowered (load(s) power > 300W) the unit will shut down to protect itself too. Please unplug your device from the unit in this case.

PLEASE NOTE:

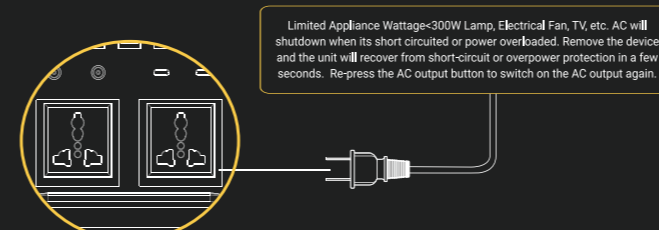
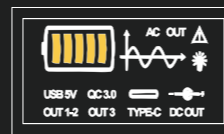
The 12V DC output voltage range is between 9V-12.5V, maximum output is 15A. DC output voltage drops while battery capacity drops due to chemical characteristics of the battery. If your appliance does not have a built-in input voltage stabilizing function, it may shut down or not charge when the battery capacity is too low.

2.) How to power AC devices :

Connect the power cable of the device to the AC outlet of the power station, press and hold the 'AC' button for 3 seconds, the power station will then supply power to your device. Press and hold the button for 3 seconds to switch off.

3-prong plug AC outlet:

Limited device/appliance wattage <300W. AC will shut down when short circuited or when power overloaded. Remove the device and the unit will recover from short-circuit or overpower protection after a few seconds. Re-press the AC output button to switch the AC output on again.



When the AC port is not in use, turn it off to conserve power:

WARNING! The AC outlets, AC voltage and frequency are different according to the different countries; please carefully check whether the product specifications are consistent with their appliance specifications before use, to avoid any dangerous situations.

Protection Mode: Short Circuit/ Overpower Protection:

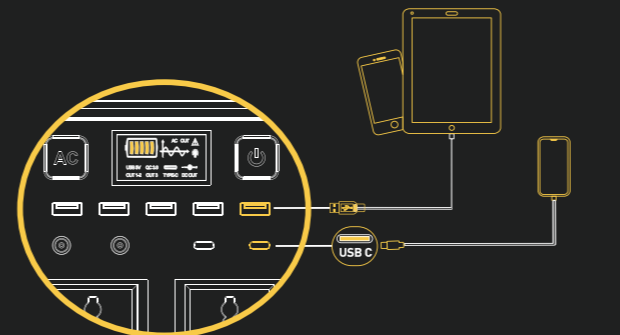
If the AC output is short circuited or overloaded (Load(s) power > 300W), the unit will shut down AC output to protect itself. Please clear the problem and re-press the AC output button to switch on the AC output again.

3.) How to power USB devices:

Connect the standard USB cable of digital devices to the USB output of the unit, press the (I/O) button to turn on the USB output. Press and hold the button for 3 seconds to switch off.

Quick Charge Output:

This product supports Qualcomm Quick Charge 3.0 output, supports 5V-9V/ 2.25A max output for smart devices which also supports Qualcomm Quick Charge 3.0. The actual output voltage and current depends on the actual smart device, it can be obtained by consulting the smart device manufacturer



4.) How to use the LED Light:

This unit is built with a bright LED light. Press 'LED' to switch the LED light on, re-press this button to switch between modes of: Flashlight @ Blink Mode @ SOS Mode @ Switch Off, or press and hold (I/O) for 3 seconds to switch off.

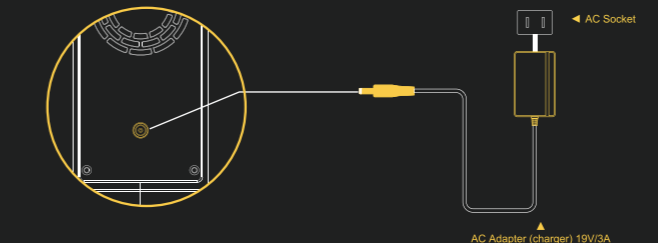
WARNING! Do not shine light directly into the eyes of another human, the strong light can cause damage.

5.) How to charge the unit:

a. Charge through AC wall charger

Using the included AC wall charger, plug the unit into any wall outlet to charge. The unit is charging when the battery icon on the LED display is flashing. The unit is fully charged when the icon stops flashing. After the unit is fully charged, please remove the AC wall charger.

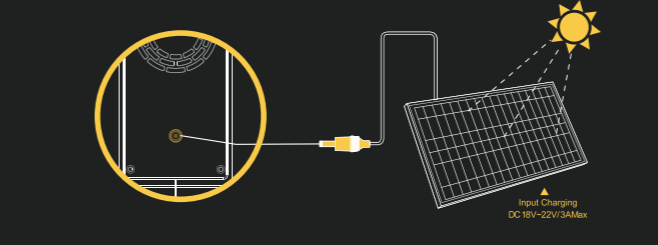
Do not shine light directly into the eyes of another human, the strong light can cause damage.



b. Charge from a solar panel

(AC socket AC Adapter 15V/2A) (AC socket AC Adapter 15V/2A) (15V/35W ~ 40W solar panels are recommended. Place the solar panel in as much direct sunlight as possible. Plug the output of the solar panel into the input of the unit to start charging.

The unit is charging when the battery icon is flashing. The unit is fully charged when the icon stops flashing.



Please Make sure the total power consumption for all connected appliances is less than 300W before connecting the device to the AC port. If the power been drawn exceeds 300W, the power station will shut down and this could cause damage.

The device is advised to be used as a Power Station; not as an always-on, pass-through solution. It isn't advised to use the device while charging or to leave it constantly plugged in, as this can cause battery to deplete and lose lifespan.

PRODUCT PARAMETERS:

Battery Capacity	296Wh, 20Ah/ 14.8V (equivalent 8000mAh, 3.7V)
Dimensions	220L x 145W x 188H mm
Weight	~ 2.85kgs
Built-in battery	High quality ternary lithium batteries
Input Recharging	Adapter: DC 19V/3A Solar panel charging: DC18 ~ 22V/ 3A MAX
Fully Charged Time	DC 19V / 3A: 7 ~ 8 hours
USB Output	USB 1: 5V/1A USB 2: 5V/2A USB 3: 5V/3A 2 x USB 5 ~ 9V / 2A QC 3.0 1 x Type-C QC3.0, PD 18W 1x Type-C QC3.0, PD 27W
DC Output	2 x 5.5 x 2.1 mm DC Output: 12V ~ 16.5V/ 10A (15A Max)
AC Output	300W sine wave output AC voltage: 110V/ 120V/ 230V/ 240V AC ± 10% Output frequency: 60/ 50Hz Attention: Actual AC voltage/ Frequency/ Outlet(s) are customized according to different countries and areas.
AC Power	AC continuous output: 300W (500W Max)
Bulb Type	4W Ultra Bright LED light with SOS/blink mode
Operation Temperature	-10°C ~ 40 °C
Power Indicator	LED display
Lifecycle	>500 times
Package includes	1 x portable power station 1x 19V/ 3A power adapter 1x cigarette lighter adapter 1 x user manual

Security & Maintenance

- Keep this unit away from metal objects (coins, hairpins, keys, etc.) to avoid short circuiting the unit.
- Please keep this product out of contact from objects or heat sources that are above 55°C. Please keep this product out of reach of fire, water, and other liquids. Do not store this device in environments below 0°C.
- Please do not disassemble the device. This product is not equipped with any self-detachable or maintenance parts.

- Please refrain from shaking, bumping, or hitting the power station. If this power station encounters a hard bump, an extrusion or if the device is dropped from a height higher than 1 meter, and any damage or deformation occurs to the shell of the product, please refrain from use of the product.
- Please refrain from covering this device.
- It is normal for the device to become warm when charging. Use caution when handling. Refrain from charging the unit for longer than the required time. Disconnect the device when fully charged.
- Please dispose of this device safely and according to the national environmental protection regulations.
- Please use this device properly to avoid electric shock.

WARNING

Warning! Please follow the guidelines when using this product. Ignoring guidelines will cause fire or other damage to the product.

Keep out of reach of children!

ELECSTOR-ECO SYSTEM

MINI DC UPS

PERFECT FOR NETWORKING DEVICES AND FOR KEEPING YOUR PHONE CHARGED DURING AN OUTAGE

PORTABLE POWER STATIONS

AVAILABLE IN 100W, 300W AND 500W PORTABLE POWER STATIONS

RECHARGABLE LOADSHEDDING GLOBES

PERFECT FOR KEEPING THE LIGHTS ON DURING A POWER OUTAGE