ELECSTOR-155WH

100W Portable Power Station 42000mAh
USER MANUAL

Thank you for choosing the

ELECSTOR - 100W

Portable Power Station 42000 mAh - 155WH

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 - 100W

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.)

1. All users who purchase this product will enjoy the package service according to the relevant national regulations.

2. 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.

3. The Elecstor - 100W Portable Power Station comes with the following warranty:
   - 1 Year Limited on product.
   - 3 month warranty on the Battery

4. 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 - 100W

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

This unit provides modified sine wave output and is compatible for AC electrical devices that work with sinusoidal wave form (power <100W). Any device that uses an AC motor will not work on full capacity on a modified sine wave. Appliances such as refrigerators, microwaves and compressors that use AC motors and some delicate medical equipment will function better on a pure sine wave inverter.

Product Description:

Front of Device (Left)	Power ON/OFF Switch 5.5mm x 2.1 mm DC12V Output Output_output 10A, Max15A USB 1 USB 5V/2.1A Outpu
Front of Device (Right)	AC ON/ OFF Switch DC Input USB 2 USB 5V/2.1A Output USB-C 5~9V/2A Max Qualcomm Quick Charge 3.0
LED Display	Battery Capacity % DC Input Status USB Output Status AC Output Status
Left of Device	AC Outlet 3-prong plug.
Right of Device	LED Light

Please Make sure the total power consumption for all connected appliances is less than 100W before connecting the device to the AC port. If the power being drawn exceeds 100W, 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 the battery to deplete and lose lifespan.

Product Instructions
ELECSTOR - 100W

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 recharge the unit to recover from protection mode. If the DC output is overpowered (load(s) power > 150W) 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 <100W. 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:

Limited device/appliance wattage <100W. 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.

⚠ 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 thew appliance specifications before use

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

3.) ### How to power USB device:

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 A 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. Double press the (I/O) button to switch the LED light on, double press this button to switch between modes of: Flashlight à Blink Mode à SOS Mode à 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 'IN'is flashing. The unit is fully charged when 'IN' stops flashing and LED display displays 100%. After the unit is fully charged, please remove the AC wall charger at this time.

b. Charge from a solar panel:

(AC socket AC Adapter 15V/2A) 18V/35W ~ 40W solar panels are recommended
Place the solar panel in as much sun as possible. Plug the output of the solar panel into the input of the unit to start charging.

The unit is charging when 'IN' is flashing. The unit is fully charged when 'IN' stops flashing and LED display displays 100%.

(Input charging DC 13V ~ 22V/ 2.0A max)

c. Charge from car charging port:

Using the included car charger, plug the unit into a 12VF cigarette lighter (car charging port) of your car. The unit is charging when 'IN' is flashing. The unit is fully charged when 'IN' stops flashing and LED display displays 100%

The unit is charging when 'IN' is flashing. The unit is fully charged when 'IN' stops flashing and LED display displays 100%.

(Input charging DC 13V ~ 22V/ 2.0A max)

⚠ WARNING

To avoid car battery loss, charging the unit through your car charging port will only be successful when your car engine is started.

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

PRODUCT PARAMETERS:

Battery Capacity	155Wh, 14Ah/11.1V (equivalent 42000mAh, 3.7V)
Dimensions	186L x 107W x 180H mm
Weight	~ 1.6 kgs
Built-in battery	High quality ternary lithium batteries
Input Recharging	Adapter: DC15V/2A Solar Panel Charging: DC13V~22V/2V Ma
Fully Charged Time	DC15V/2A: 7~8 hour
USB Output	2 x USB 5V/2.1A Max 1 x USB C 5~9V/2A Qualcomm Quick Charge 3. 1 x USB 5~9V/2A Qualcomm Quick Charge 3.0
DC Output	5.5 x 2.1 MM DC output: 9~12.5V/10A(15A Max)
AC Output	55Wh Modified Sine Wave Output; AC Voltage:110/120/220/230/240V AC ± 10% Output Frequency: 50/60Hz ± 10% Attention: Actual AC voltage/ Frequency/Outlets are customized according to different countries 12Ah/11.1V(equivalent 42000mAh,3.7V)
AC Power	AC Continuous Output:100W (150W MAX)
Bulb Type	4W Ultra bright LED light with SOS Mode
Operation Temperature	-10ºC ~ 40 ºC
Power Indicator	LED display
Lifecycle	>500 times
Package includes	1 x portable power station 1 x Car Charger 1 x 15V/2A Power Adapter 1 x user manual 1x cigarette lighter adapter

Security & Maintenance

1. Keep this unit away from metal objects (coins, hairpins, keys, etc.) to avoid short circuiting the unit.
2. Please keep this product out of contact from objects or heat sources that are above 55ºC. Please keep this product out of reach of fire, water, and other liquids. Do not store this device in environments below 0ºC.
3. Please do not disassemble the device. This product is not equipped with any self-detachable or maintenance parts
4. Please refrain from shaking, bumping, or hitting the power station. If this power station. encounters a hard bump, if the device is dropped from a height higher than 1 meter, or any damage or deformation occurs to the shell of the product, please refrain from use of the product.

5. Please refrain from covering this device.
6. 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.
7. Please dispose of this device safely and according to the national environmental protection regulations.
8. Please use this device properly to avoid electric shock.

⚠ WARNING

Warning! Please follow the guidelines when using this product. Ignoring guidelines may 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