

HERO CORE 512Wh UPS POWER STATION



GPS500U USER MANUAL

Thank you for purchasing this Gizzu product.
Before operating this product, please ensure that you read the user manual carefully in order to make sure that the best possible performance is obtained.

FEATURES

- 800W Power Output**
- Lithium Iron Phosphate (LiFePO4) Battery Technology**
- 512Wh Battery Capacity**
- LED Flashlight**
- Supports Solar Charging (Solar Panels Sold Separately)**
- Ideal Solution For Power Outages**
- UPS Functionality With 10ms Switchover**
- Fully Charged Within 2 Hours**
- Portable Power Solution**
- Pure Sine Wave**

PACKAGE CONTENTS

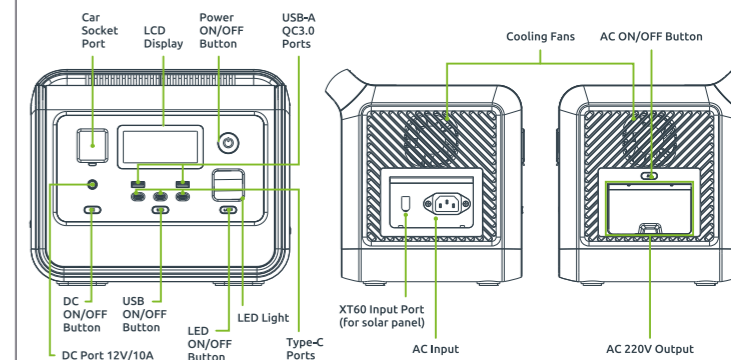
1x Gizzu Hero Core 512Wh UPS Power Station
1x AC Charging Cable
1x Cigarette lighter to XT60 cable
1x User Manual

SPECIFICATION

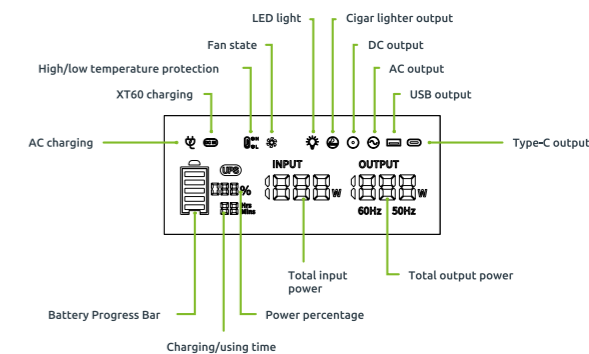
Model	GPS500U	
Charging	Charging Input	Charging Time
	AC Input	220-240V/50Hz 400W Max (1.5hrs)
	XT60 Port	11.5-50V/8A 200W Max (3hrs)
Internal Battery Type	Lithium Iron Phosphate (LiFePO4)	
Battery Capacity	512Wh	
Inverter	Pure Sine wave	
LED Torch	1W/4000k	
AC Output	1x 220-240V/50Hz 800W Rated 1600W Max Peak	
DC Outputs	2x Type-C 20W PD Ports (5V-3A, 9V-2.22A, 12V/1.67A)	
	1x Type-C 100W PD Port (5V/9V/12V/15V-3A, 20V/5A)	
	2x USB-A QC3.0 Ports	
	1x Car Socket Port 12V/10A (Total Share 13.6V/10A, Max 136W with DC6530)	
1x DC6530 Port 12V/10A (Total Share 13.6V/10A, Max 136W with car cigar lighter port)		
Battery Management System	Yes	
UPS Mode (Switchover Time)	10ms	
Lifespan	3500 cycles	
Protection Features	Short-Circuit & Over-Current Protection	
	Over-Voltage & Under-Voltage Protection	
	Over-Load & Temperature Protection	
Dimensions	27.6x23x20.9cm	
Weight	6.5kgs	

Please note: The total power consumption for all connected appliances must be less than 800W prior to connecting the device to the AC port. If the power requirement draw exceeds 800W, the wattage overdraw protection will provide up to 10 seconds of runtime before the unit shuts itself down. Wattage draw exceeding 1600W peak will cause the device to immediately shutdown and this may cause damage.

PRODUCT OVERVIEW



LCD DISPLAY SCREEN



INTRODUCTION

Deliver power wherever and whenever you need it with the portable Gizzu Hero Core UPS Power Station. The Hero Core offers 512Wh of battery capacity. It's great for keeping your devices charged during outdoor adventures and powering most household appliances during loadshedding. The elegant design is durable, robust, and can be taken with you on any adventure.

The Gizzu Hero Core UPS Power Station features one 220V AC plugs, two USB ports, three Type-C ports, one DC Port, a car socket port, and an XT60 port. These ensure that you can charge or power multiple devices simultaneously.

Pure Sine Wave technology and the ability to function like a UPS ensures that the Gizzu Core Pro seamlessly switches over to battery power during loadshedding or a power outage, resulting in zero downtime for your connected essential devices.

The Hero Core UPS Power Station is compatible with many household appliances such as routers, laptops, TVs, gaming consoles, desktop PCs, and other smaller devices.

The Gizzu Hero Core UPS Power Station features Lithium Iron Phosphate (LiFePO4) batteries that recharge from 0% to 100% within 2 hours and has a rated lifespan of 3500 cycles. You can recharge the Hero Core in multiple ways - Recharge from your car, solar panel, or from traditional wall sockets at the home or office.

A battery management system helps to proactively monitor and manage the rechargeable battery. In addition, the Hero Core also features safety features like short-circuit, over-current, over-voltage, under-voltage, over-load, and temperature protection.

Please note:

The total power consumption for all connected appliances must be less than 800W. If the power requirement draw exceeds 800W, the wattage overdraw protection will provide up to 10 seconds of runtime before the unit shuts itself down. Wattage draw exceeding 1600W peak will cause the device to immediately shutdown and this may cause damage.

ATTENTION

Do not attempt to use the equipment before you become familiar with the entire operating instructions. Keep these instructions for future use.

Attention should be paid, in particular, to safety guidelines. Please adhere to the technical requirements of any AC devices you are about to attach to your Gizzu Hero Core UPS Power Station. Failure to adhere to these requirements, or incorrect usage thereof, may cause personal injury or harm to others, as well as potentially resulting in damage to equipment.

Observe in particular the safety instructions given on the labels that are affixed to the device. Do not remove or damage these labels. This device must not be used by children.

Other uses or alterations to the device or use other than the intended purpose will immediately void the warranty and will pose a potentially serious health risk. The manufacturer is not liable for damages caused by any use other than the intended purpose.

USAGE AND HANDLING GUIDELINES

- For maximum performance, be sure to charge the power station if it has been unused and in storage for more than 3 months.
- Keep this device away from heat sources and direct sunlight whilst in use as well as when in storage.
- Do not use this product beyond the rated load.
- Be sure to use this product in a well-ventilated environment.
- Do not attempt to open the device. Opening the device may lead to increased risk of electric shock and fire.

GENERAL SAFETY INSTRUCTIONS

- To reduce the risk of injury, please pay use with caution near children.
- Do not put fingers or any part of your body into the product.
- Do not operate the portable power station with a damaged cord, plug, or output cable as it could cause a short circuit or a risk of fire.

- Please hand the power station to a qualified service provider for repair or maintenance. Do not disassemble the portable power station by yourself, as wrong disassembly method may cause the risk of fire or electric shock.
- In order to reduce the risk of electric shock when the product fails, disconnect the portable power station from the power supply before performing any instructive maintenance operations.
- Please charge the product in a well-ventilated place, do not obstruct the air circulation.
- Please do not expose the product to fire or excessive heat.

WARNINGS

- Do not use as a toy
- Do not wet the machine
- Do not immerse the device in water
- Please only use original Gizzu accessories or make sure they comply with the correct specification requirements.
- Do not exceed the rated load of the product when used

DISCLAIMER

The manufacturer will not be held responsible for damages caused by:

- Incorrect connection and/or use.
- Impact of external forces, damage to equipment and/or damage to parts of the device by mechanical impact or load.
- Any change made to the device.
- Using the device for purposes other than those described in this manual.
- Subsequent damage due to unspecified and/or inappropriate use and/or faulty accumulators.
- Humidity and/or insufficient ventilation.
- Unauthorized opening of the device.

NOTE: The above mentioned will immediately void the warranty of the product.

STATEMENT OF LIMITED WARRANTY

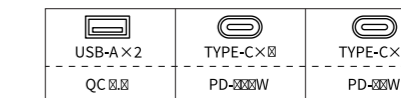
This warranty covers a product that proves defective because of improper material or workmanship during the warranty period. Exclusions include problems caused by environmental conditions, malfunctions or damage due to negligence or mishandling of the equipment. For warranty claims and repair, please contact your local authorized reseller/service center.

GUIDE TO OPERATE

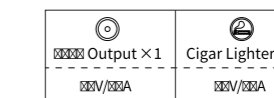
- Main Power Control**
 - Turns the whole system on/off
 - Operate method: Press the button for 3s to turn on/off the system.

- LED Light Control**
 - Operate method: Press the button to turn on and change the light mode (SOS/Flash).
 - Notice: You can turn off the light by pressing the button for a longer period (1-2s) in any mode.

- USB Button**
 - Operate method: Press the button to turn on/off.



- DC Button**
 - Operate method: Press the button to turn on/off.



- 5. LCD Display**
- Shows the battery and power information.




- 6. Cooling System**
- Do not block the vents when the cooling fans are working.

- 7. AC Button (AC output, total share 800W)**
- Operate method: Press the button to turn on/off.

- 8. Solar Panel Input**
- Use the XT60 Port to connect the solar panel.
 - This device supports a maximum input of 200W and a maximum voltage of 50V at 8amps.
 - Exceeding the maximum voltage can lead to equipment damage, and void the warranty.

- 9. AC Input**
- Use the wall socket to get 400W Fast charging, which can fully charge from 0 to 100% in under 1.5 hours.
 - The product must be charged directly from the wall socket, please do not recharge via an extension cord.
 - Please do not recharge the device from a multi-plug connector, the current may be too high and cause a fire risk.
 - Please charge this device from a dedicated wall socket to ensure that your circuit is not overloaded during charging.

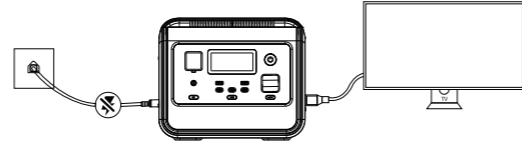
DISPLAY ATTENTION:

	When this icon lights up. Please keep Air intake/outlet unobstructed.
	When this icon is blinking, this represents that the AC input is faulty, please recheck (Power/Hz/cable).
	When the icon is blinking, this represents that the output is faulty, please recheck.

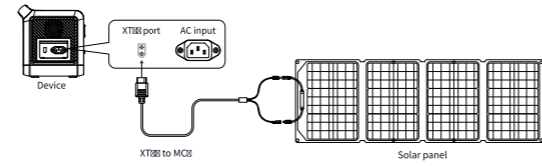
UPS MODE

- UPS Function**
- This product has the bypass mode, power is supplied directly to appliances from the AC input, and seamlessly switches over in 10ms to battery in the event that AC power fails.

- UPS Connections**
- As shown in the figure below, connect the Power Station between the wall socket and the electrical appliances, ensure that the AC button is ON. When you turn on the power of the electrical appliances, it will use the AC power directly from the grid.
 - If the grid power fails, it will automatically switch to the product's internal battery to supply power.
 - In UPS mode, the maximum power output of the AC output is below 800W, and if the AC output exceeds 800W. The AC output icon "blinks" indicating overload.






- Solar Panel Connection**
- Use the XT60 port to recharge the power station with solar panels.
 - Solar panel charging power, according to the weather and climate conditions.
 - Solar panel voltage exceeding 50V will damage the equipment and may not be covered by warranty.



BATTERY SPECIFICATIONS

Battery Type	40135 LiFePo4
Single cell rated voltage	3.2V
Single cell rated capacity	20Ah
Battery pack rated voltage	25.6V
Battery pack output voltage	21V-29V
Battery pack rated capacity	512Wh

TROUBLESHOOTING TABLE

Phenomenon	Cause	Solution
 The above output icon flashes and beeps.	The output exceeds the standard and it's short-circuited.	Remove the load, and then press the ON/OFF button of the corresponding output to remove the alarm
 The temperature warning icon flashes and beeps.	The temperature of the product is too high or too low.	Stop charging the device and disconnect all appliances, turn the power off, wait for the device to reach a suitable working temperature, then the alarm is removed.
 The icon of connecting to the AC mains flashes and the product cannot be charged.	The charging cable is poorly connected.	Securely connect the original AC Charging cable

FAQs

- Can I take this product on an airplane?**
No, because this product has a battery and according to the International Air Transportation standards and regulations, products that carry a battery cannot exceed a 100Wh battery capacity.
- How do I store the product when it's not in use?**
The portable power station needs to be stored in a dry environment. Always charge the device before storage and recharge every 6 months.
- How do I clean the product if it is dirty?**
Please use a dry non-abrasive cloth to wipe. Do not wipe directly with a wet cloth or chemical solvent. Do not expose the product to large amounts of water.

料号编码		设计制作	刘小俊
尺寸	100*130mm 公差:±0.5mm	资料提供	受控图档
材质	128G铜版纸 彩色印刷	外贸审核	潘秋霞
工艺	装订方式:钉骑马钉	研发部审核	李雄
备注	有任何疑问及时联系相关作业人员	制作时间	2020/06/18
页数	12P		