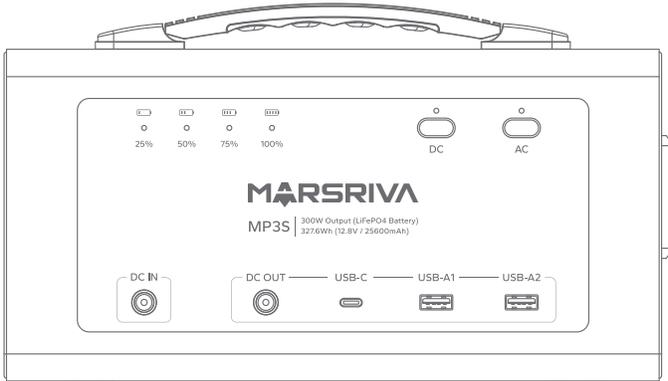




# USER MANUAL

Portable Power Station

MP3S



[www.marsriva.com](http://www.marsriva.com)

## DESCRIPTION

- Thank you for purchasing our portable energy storage power supply. This manual is designed to guide you in the safe and effective use of your portable energy storage power supply.
- This manual describes the proper operation, inspection and maintenance of this product.
- If this product is not used properly, it may cause electric shock or other hazards.
- Please read these instructions carefully before using this product.
- After reading this manual, please keep it in a safe place so that you can refer to it at any time (please note that the pictures in this instruction manual are for illustration purposes only and the product may differ from the pictures).

## WARNINGS

- Before using this product, please read this manual carefully to ensure that you fully understand how to use the product correctly.
- This product generates electromagnetic waves during use and charging, so if you wish to power an implantable pacemaker or similar device, be sure to check with your physician or healthcare provider and the device manufacturer before using it.
- Do not attempt to disassemble or modify the product as this may cause the product to overheat causing a fire or electric shock. If the product is deformed or damaged as a result of dropping or being struck, do not continue to use the product to avoid a safety incident.
- Please replace the product charger or charging cable in time when they are damaged to avoid safety accidents.
- Please use the product within the ambient temperature of -10°C to 45°C as marked in the instruction manual. Do not place the product in liquid or corrosive gases to avoid safety accidents; and do not use the product in environments with a large amount of steam, dust, or oil fumes to avoid safety accidents.
- Please do not operate the product or charge the product with wet hands, in order to avoid electric shock accidents; when used outdoors, pay attention not to let rain, seawater, beverages and other liquids touch the product, in order to avoid safety accidents caused by short circuit due to the liquid flowing into the interior of the product.
- Do not connect the AC output to any electrical wires of the power company or indoor wires, which may cause electric shock or fire. When charging the product, be sure to use the charging cable configured by our company, if you need to use other chargers to charge the product in case of emergency, you must use a charger that meets the charging voltage and charging current requirements in the instruction manual to charge the product to avoid safety accidents. Please use a household power supply, DC car power supply or solar panel to charge the product battery. This product is set according to the voltage standard of different countries before delivery, before purchase and use, please consult the dealer or use the product against the instruction manual.
- If you notice any unusual odor, overheating, discoloration or deformation during charging, promptly unplug the charger from the outlet, otherwise overheating and fire may result. When connecting the power plug of an electrical device to this product, insert the plug firmly into the root, otherwise it may lead to electric shock or fire.

- Keep out of reach of children to avoid electric shock or injury due to improper operation.
- Do not store this product in a humid, dusty, or high temperature environment as this may degrade the insulating properties of the product and cause overheating or fire.
- Storage at high temperatures may also shorten battery life.
- This product should not be disposed of with household garbage; please recycle according to local laws and regulations.

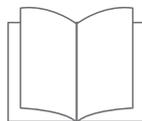
## PACKAGE CONTENT



Mini power station × 1



Power Adapter × 1



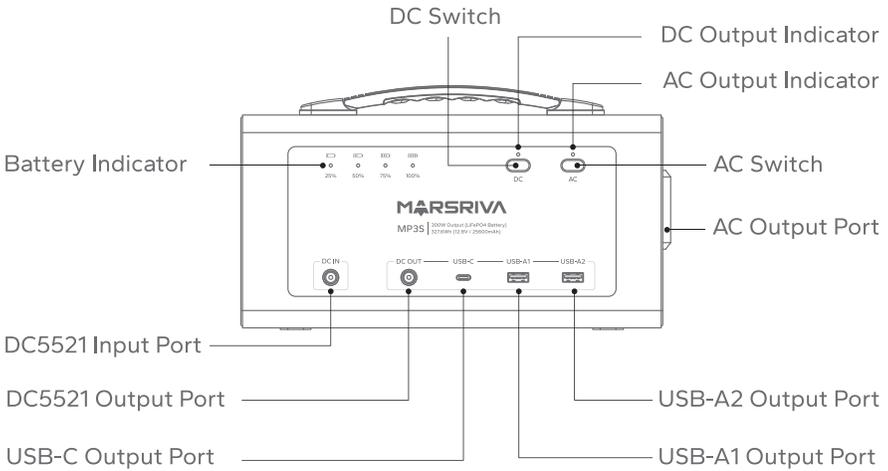
User manual × 1

## SPECIFICATIONS

GENERAL INFO		
Rated Power	300W (Max.)	
Battery Capacity	327.68Wh (12.8V / 25600mAh)	
Battery Type	BYD LiFePO4 Battery (4000+ cycles to 80% EOL)	
Power Adapter Included	60W or 90W	
Weight	3.9kg	
Dimensions(W*D*H)	275 * 135 * 155mm	
OUTPUT		
AC Output	230V Model	230VAC, 50Hz, 300W (Max.) Simulated Sine Wave
	120V Model	120VAC, 60Hz, 300W (Max.) Simulated Sine Wave
DC 5521 Output	12V ≐ 5.0A, 60W (Max.)	
USB-A1 / A2 Output	5V ≐ 3.0A, 15W (Max.)	
USB-C Output	5V ≐ 3.0A, 9V ≐ 2.0A, 12V ≐ 1.5A, 18W (Max.)	
All USB Output	33W (Max.)	
INPUT		
DC 5521 Charging	16VDC – 25VDC, 90W (Max.)	
ENVIRONMENT		
Operating Temperature	Discharge: -20°C to 45°C; Charge: 0°C to 45°C	
Storage Temperature	-20°C to 45°C	

\*\*The manual is a universal version for 230V and 120V products. Please refer to the actual package and body sticker for specific specifications.

# FUNCTION



## OPERATING INSTRUCTIONS

### • DC Output Function

Long press the "DC switch" button for 3 seconds, the DC output indicator and power indicator on the top of the button will light up, at this time, the ports of USB, USB-C and DC12V have corresponding voltage output. Long press 3S to turn off the output function.

### • AC Output Function

Long press the "AC switch" button for 3 seconds, the AC output and power indicator light above the button will light up, at this time the AC output is on, long press 3S to turn off the output function.

### • Charging

The product's charging voltage and power is, 16VDC-25VDC 90W (Max.).

Product is equipped with a power adapter (60W or 90W) for charging. It can also use Car Charger or Solar Panel to charge, but please pay attention to the input voltage range.

When product is charging, the AC and DC output function can be turned on.

## COMMON TROUBLESHOOTING TIPS

- When an abnormality occurs in the product, the corresponding function will be forced to shut down, and then it can be restored normally after the load is lifted;
- The port forcibly shuts down the output when USB-A overcurrent or short-circuit protection is applied, and restores it when it is released;
- The port forcibly shuts down the output when the USB-C is overcurrent or short-circuit protected, and restores it when it is released;
- When the DC12V output is overcurrent or short-circuit protected, the port forces the output to shut down, and restore it after it is released;
- When over-temperature, overload, short-circuit protection is triggered at the AC output, the AC automatically turns off the output, and a short press on the AC button tries to release the abnormal warning, and if the abnormality is released, a short press the AC button again turn on the output again;
- Turns off all outputs when the battery is over-temperature protected at 65°C, until the battery is over-temperature relieved (temperature drops to 50°C-55°C) and then restarts the corresponding functions;
- Turns off all outputs when the battery is -25°C cryoprotected until the battery cryoprotection is lifted (temperature returns to -5°C) and then restarts the corresponding functions;
- When the battery is at low voltage and not charging, turn off the output and turn off the power immediately.

# WARRANTY REGULATIONS

**Please read the warranty carefully and keep it in a safe place.**

1. This product will be repaired if it fails during the warranty period for normal use in accordance with the operation manual. The parts replaced during this period are the property of our company.
2. For a replacement warranty card, please send this warranty card with the product.
3. No free repairs will be made during the warranty period if any of the following conditions apply.
  - Malfunction or damage caused by failure to observe the precautions recorded in the operating instructions;
  - Failure or damage caused by improper storage and custody (product battery failure due to not recharging the product for a long period of time);
  - Malfunction or damage caused by using an adapter other than the specified power supply and outside the specified voltage range;
  - Failure or damage caused by private repair, disassembly or modification;
  - Damage to the surface coating and exterior is not covered by the warranty;
  - The outer packaging and accessories of the product are not covered by the warranty.
4. Failure or damage due to force majeure (force majeure refers to unforeseen, unavoidable or insurmountable objective events, including natural disasters such as floods, fires, explosions, lightning, earthquakes and storms, as well as societal events such as wars, disturbances, etc.).
5. This manual is for use in (this sales area) only, and the final interpretation right belongs to our company.
6. This manual will not be distributed separately to users, so please keep it in a safe place.
7. If the dealer's name is not written or stamped, ask the dealer from whom you purchased the product for proof of the date of purchase and the dealer's name, and issue a receipt to the dealer. If you do not have such proof, please contact your dealer or the company from which you purchased the product. If you purchased the product from our online store, please be sure to provide proof of the date of purchase, such as an invoice, order number, or a screenshot of your order history.

# THANK YOU FOR PURCHASING MARSRIVA PRODUCT

This card entitles you to enjoy 1 year warranty on the product, including power adapter (if available) and battery.

PRODUCT WARRANTY CARD	
Product :	
Model :	
Purchase Date (DD / MM / YY) :	
Customer Name :	
Telephone Number :	
E-mail Address :	
Dealer's Name and Address :	
Serial Number* :	

This Warranty applies only if the Product was newly manufactured on the Date of Purchase and not sold as used, refurbished, or manufacturing seconds. Please keep the proof of purchase and this warranty card for future service requests.

## IMPORTANT!

Please store this card in a secured location for future reference. Marsriva reserves the right to request this card before accepting repair requests. This does not affect or limit your mandatory statutory rights.

**MARSRIVA Technology Co., Ltd.**

Website: [www.marsriva.com](http://www.marsriva.com)

E-mail: [support@marsriva.com](mailto:support@marsriva.com)

Made in China

**CE FC RoHS**



Specifications are subject to change without notice, all product drawings are for reference only.