

500W Portable Power Station

USER MANUAL

FEATURES • TECHNICAL SPECIFICATIONS • HOW TO CHARGE • FAQs • WHAT'S IN THE BOX

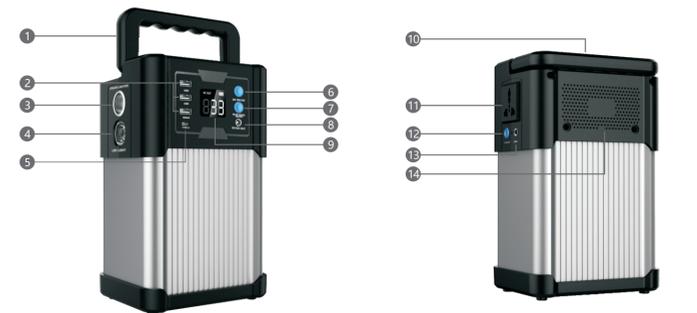


MB501

Congratulations on your new MB501!

CHARGE FIRST! Before reading through the manual, you can begin to charge up your product by connecting it to the power supply provided and plugging into a wall socket.

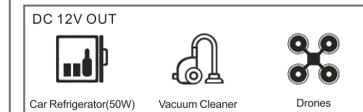
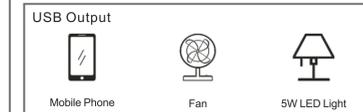
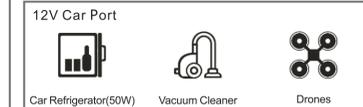
APPEARANCE INTRODUCTION



- 1 Handle
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- 3 CIGAR LIGHTER
- 4 LED LIGHT
- 5 TYPE-C
- 6 DC ON/OFF
- 7 BLUE TOOTH ON/OFF
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- 9 Display
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CHARGING

Here are some common devices and their power requirements for each charging



DC POWER

DC Output: press the DC button for 3 seconds
Turn on the light: Press the DC button twice; To enable the "Strobe" mode: press the DC button again; To enable the "SOS" mode: press the DC button again; To turn off the light: press the DC button

BLUE TOOTH

Turn on/off the Bluetooth Speaker: press the Bluetooth button for 3 seconds, when DC is on



AC POWER

Turn on/off the AC output: press the AC button for 3 seconds

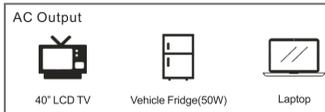
LCD SCREEN

Power Level Percentage Check the battery level before use. If Battery is at a low level, charge first.



CHARGING

Here are some common devices and their power requirements for each charging



If the power station total output exceeds 500W, it will automatically shut off. Please ensure the power consumption is less than 500W, then press the power button.

RECHARGING

Before use or storage, plug your power station into the wall socket until it is fully charged. If the display shows less than 20% capacity, plug it into a power source, like an AC outlet or a solar panel, as soon as possible. There are many ways to recharge your power station:



Wireless Charging

Press the DC button for 3 seconds, when there is a wireless charging symbol on the display, then you can put your phone in the wireless charging position to charge.



Bluetooth Speaker

1. long press the DC button
2. long press the Bluetooth button, when there is a Bluetooth indicator on the display, open your mobile phone Bluetooth
3. search the device: V007, then connect
4. connected successfully, then play music

Once connected successfully, do not need to search the Bluetooth device next time.

SPECIFICATIONS

Capacity	Weight	Dimensions	Input	DC Output	AC Output	USB Output	
13500mAh	5/kg	155mm x 125mm x 315mm 6.1" x 4.9" x 12.4"	18V 4A 72W Max	DC 12V 10A	110V 60Hz 500W/ 220V 50Hz 500W	2@5V 2.1A 1@QC 3.0 1@TYPE-C	
Battery	Lifecycles	Operating Temperature	Recharging Temperature	Management System	Warranty	Certifications	Technical Support
Lithium-ion	≥500	-10 to 40 °C	0 to 40 °C	Temperature control, Short circuit protection, Overcharge protection, Overdischarge protection, Overload protection, Overcurrent protection	12 Months	FCC, ROHS, CE	Lifetime

WHAT'S IN THE BOX



MB501



AC Adaptor



User Manual

SAFETY INSTRUCTIONS

Observe these instructions to ensure safe usage. Explanation of symbols:

DANGER
Noncompliance may lead to serious injury or death

- DO NOT disassemble, repair or modify the unit or the battery.
- DO NOT place the unit close to or in a fire or expose 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.
- Only use the output socket to power external devices. Never connect the output to mains power under any circumstances. If your hands are wet.
- DO NOT use the unit if it is not functioning correctly.
- DO NOT move the unit if it is recharging or in use.

WARNING
Noncompliance may lead to serious injury or death

- Use and store the unit only in a clean and dry environment. Do not use and store in dusty and wet environment.
- Check the unit prior to every use.
- Do not use the unit if it is damaged or broken
- Keep the unit away from children. Do NOT let children use the power supply unit.
- Keep this product away from pets.
- If fluid from inside of the unit come in contact with your skin or clothing, wash the affected areas with tap water.
- In a storm, unplug the power cord from the socket.
- DO NOT charge the unit via power supply systems that operate outside of 100~240V.
- DO NOT place the unit on its side or upside down while in use or storage.

CAUTION
Noncompliance may lead to injuries or property damage

- If rust, peculiar odors, overheating or other abnormal circumstances are observed, stop using the unit immediately and contact the dealer or our customer service center.
- The unit complies with all legal requirements for transport of dangerous goods.
- Make sure that the unit is properly secured when transporting it in a motor vehicle.
- Only charge, use and store the unit within an ambient temperature of 0 to 40 °C (32-104 °F).
- Switch the unit off immediately if it has accidentally fallen, was dropped or was exposed to vibrations.
- Carefully read the instructions for the electric devices that you intend to connect to your power supply unit.
- Make sure that the device you are connecting is switched off before you connect it.

1. Serious injuries include blindness, burns, electric shock, fractures, poisoning, etc. which can lead to complications, hospitalization or permanent treatment
2. Injuries include burns, electric shock, etc., which do not lead to hospitalization or permanent treatment.
3. Property damage: includes buildings, belongings and pets, etc.

ATTENTION

	Not permitted on aircrafts
	To preserve the battery lifespan, please use and recharge at least once every 3 months
	Use original or certified charger and cables
	Avoid extreme temperature
	Avoid dropping
	Do not disassemble
	It's not waterproof, do not expose to liquids
	Please dispose of batteries and electronic goods in accordance with local regulations

DISCLAIMER

Our company cannot be held liable for damages caused by fire, earthquake, use by a third party, other accidents, intentional misconduct on the part of the customer, abuse or other abnormal conditions.

Do not repair any damage to the AC plug or power supply on your own.

The warranty covers all terms and conditions of the warranty. Contents that are not specified in the warranty terms and conditions are beyond our responsibility.

Our company assumes no liability for damages caused by incorrect use or non-compliance with this instruction manual.

Intended use: The 500w portable power station is intended as a power supply for electronic devices with a maximum power consumption of 500 W. Our product is not suitable to be used with equipment that relates to one's own personal safety and relies heavily on electricity, such as medical devices, equipment for nuclear facilities, the manufacture of air and spacecraft, etc. We therefore assume no liability for accidents involving personal safety, fires, or machine failures caused by using our product with the aforementioned devices.

FAQS

What type of battery is in a power station?

MB501 contains a battery pack which consists of an array of cylindrical 18650 lithium battery cells with high energy density.

How do I know if my product is charged?

To check the charge level of the power station refer to the LCD Battery Display.

Can I charge the product while supplying power at the same time?

MB501 supports pass through charging. It will charge connected devices, while also being charged.

How do I know if my device will work with the power station?

You will need to check the amount of power your device requires. This may require some research on your end. An online search or examining the user guide for your device should suffice. To be compatible with the 500W power station you should use devices that require less than 500 W.



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

WARRANTY

Limited Warranty

We warrant to the original consumer purchaser that our product will be free from defects in workmanship and material under normal consumer use during the applicable warranty period identified in the "Warranty Period" section below, subject to the exclusions set forth below. This warranty statement sets forth our portable power station total and exclusive warranty obligation. We will not assume, nor authorize any person to assume for us, any other liability in connection with the sale of our products.

Warranty Period

The warranty period is 12 months. In each case, the warranty period is measured starting on the date of purchase by the original consumer purchaser. The sales receipt from the first consumer purchase, or other reasonable documentary proof, is required in order to establish the start date of the warranty period.

Remedy

We will repair or replace (depend on our option) any product that fails to operate during the applicable warranty period due to defect in workmanship or material. If a valid claim is made during the applicable period, at our option, will either (1) replace the product, or (2) exchange the product with a product that is of equal value. A replacement product assumes the remaining warranty of the original product or ninety (90) days from the date of replacement, whichever is greater. Customer is responsible for the return shipping costs.

Limited to Original Consumer Buyer

The warranty on our product is limited to the original consumer purchaser and to any subsequent owner.

Exclusions

Our warranty does not apply to (1) any product that is misused, abused, modified, damaged by accident, or used for anything other than normal consumer use as authorized in our current product literature, or (2) any product purchased through an online auction house. Our warranty does not apply to the battery cell unless the battery cell is fully charged by you within seven days after you purchase the product and at least every 3 months thereafter.

How to Receive Service

To obtain warranty service, contact our customer service team at manager@matedled.com
First Edition: July 2018. Document Part Number: MT-MB001. This user guide describes features that are common to most models.

The information contained herein is subject to change without notice. The only warranties for Our products and services are set forth in the warranty statements accompanying such products and services. We shall not be liable for technical or editorial errors or omissions contained herein.
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