EVEBASE

USER MANUAL

POWER STATION MOVE 500

CONTENT

SAFETY INSTRUCTIONS
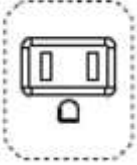
Please read this manual carefully. The user of this product takes full responsibility for the operation and usage of this prod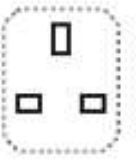uct. Please check the local regulations in the area of usage of the product. The user of this product is solely responsible for the usage of this product according to all relevant regulations.

1. In order to ensure the safety of this product during transportation, this product is only charged about 30% when it is packaged. Please recharge when you get the product. When not using this product, please turn off the power and unplug the power cord.

2. Only official parts or accessories can be used with this product. If any accessories need to be replaced, please contact Evebase for more information. Do not charge the product with a charging device that does not meet the specified parameters and please do not use extension cords and cable taps.

3. Do not disassemble the product and don't perforate it with sharp objects.

4. A high environmental temperature while using the power station may result in fire or an explosion. Therefore please follow the maximum operating temperature as specified further in this manual. If the temperature is too low, the performance of the product will go down or the product will stop working.

5. Only use and store the product in dry and ventilated areas and avoid dust. Please ensure that the air intake and outlet are unblocked when using.

6. Strictly avoid contact of the product with any liquid. Do not immerse the product into water and make sure it doesn't get wet. Avoid the usage in rainy or humid places.

7. In case the power station has fallen into water or is wet, place it in an open area and keep a safe distance until it has dried entirely. As soon as the product is dry again, it can't be used anymore and has to be disposed according to the applicable local regulations. In case the power station catches fire, it has to be extinguished in the next order: water → sand → fire blanket → dry powder → carbon dioxide fire extinguisher.

8. Only use the product on flat surfaces in order to protect the product from falling over. Immediately stop operating/using the product after falling or other external impact on the power station and avoid strong vibrations during use. Turn of the power supply immediately after any strong impact and place the battery in a safe and open area. Finally, dispose the product according to the local regulations.

9. Only use a dry textile to clean the outside of the product.

10. Please keep the product out of reach from children and pets.

11. In case the product is used for the operation of standard medical equipment, please make sure the power status is monitored carefully, in order to prevent that the power runs out. Please contact Evebase about any restrictions for the use with medical equipment.

12. Please make sure there is a safe distance between medical implants and the power station, as this product will generate an electromagnetic field. Please contact Evebase if you need more information about any restrictions.

13. Avoid usage in a strong static electric/ magnetic field.

14. Avoid usage/ storage near any heat source (fire, car in direct sunlight etc.).

15. Don't use any wires or metal objects that can result in a short circuit.

16. No items can be stacked on top of the product.

17. If the battery is swollen, leaking or smelly, stop using it immediately.

18. Please make sure the power station is completely discharged before disposal in an official battery recycling bin. It is prohibited to dispose the product in a standard trash can. Please follow the local regulations.

19. Please contact a professional battery recycling company in case the power station can't be discharged completely due to a failure.

20. For long-term storage, please consume power from full power to no power once every 3 months, and then recharge to about 50%.

21. Please avoid shipping a product with a battery power level higher than 30% and don't take it on a plane.
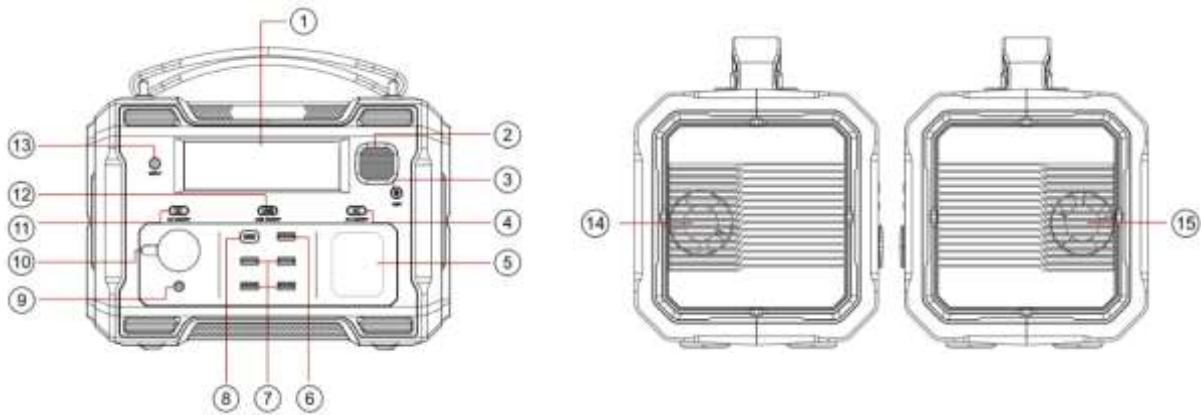
AC OUTPUT PARAMETER

Type of AC port		AC output
	US/JP	100V~120V 50/60Hz
	CH	220V 50Hz
	UK	230V 50Hz
	EU	220V~240V 50Hz
	KR	220V 60Hz

PRODUCT INTRODUCTION

This product is a portable power station, suitable for family emergency power cuts, outdoor travel, emergency relief, field work and other scenarios. The product has a built-in lithium battery, which supports adapter, car charger, photo-voltaic panel and other charging methods. The AC output voltage corresponds to different national specifications (see previous page) and a number of USB ports supply for lighting, ventilator, electric fan, router, notebook and other equipment.
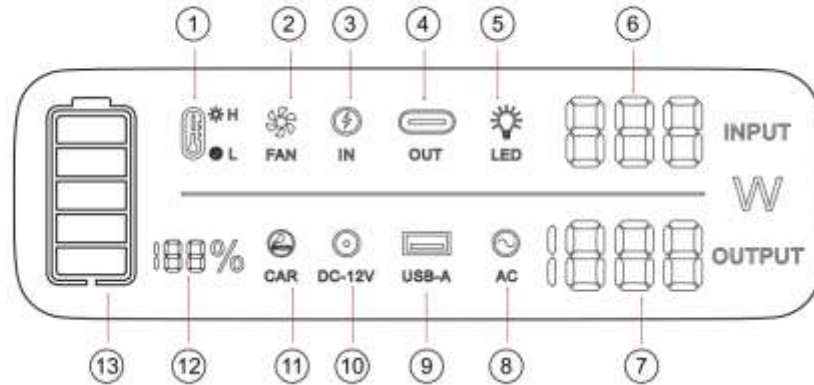

1	LCD Screen	6	QC 3.0 port	11	DC button
2	LED	7	USB port	12	USB button
3	Light button	8	Type-C port	13	DC charging port
4	AC button	9	DC input	14	Air intake
5	AC Port	10	Car port	15	Air outlet

LCD DISPLAY

LCD-001

1	High/Low temperature protection	6	Charging power	11	Car port output indicator
2	Fan status	7	Discharge power	12	Battery percentage
3	DC Port Charging Indicator	8	AC output indicator	13	Battery indicator
4	Type-C Output indicator	9	USB output indicator		
5	LED indicator	10	12V DC port		

LCD-002
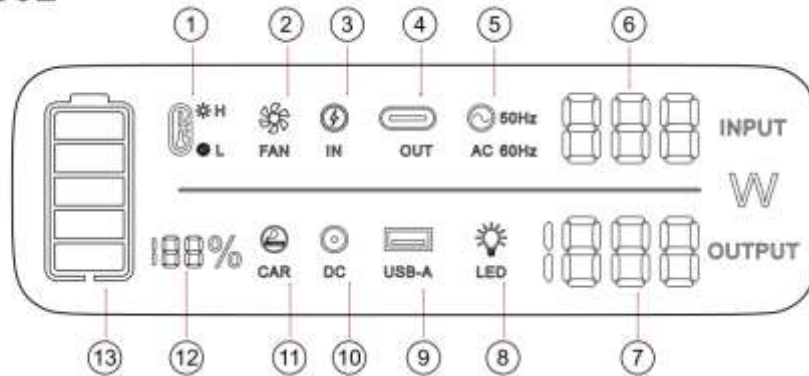
1	High/Low temperature protection	6	Charging power	11	Car port output indicator
2	Fan status	7	Discharge power	12	Battery percentage
3	DC Port Charging Indicator	8	LED indicator	13	Battery indicator
4	Type-C Output indicator	9	USB output indicator		
5	AC output indicator	10	12V DC port		

OPERATION INSTRUCTION

1. **How to turn on the system and check the battery?**

Shortly press any button on the power station to turn on the system, you can check the remaining battery power and switch on the corresponding port output.

⚠ Notes:

During the first use after a long-term non-use situation it may happen that any button fails to turn on the system In order to solve this, please plug the power station into a charger for charging and try again.

2. **How to recharge the device?**

DC port charging:

Please plug the standard adapter into the DC Input port. The LCD screen will light up automatically, indicating the current charging power. In the meantime, the battery indicator icon blinks and the icon ⬚ lights up. The LCD screen will turn off automatically when charging is finished (the battery percentage is 100%).

INPUT
150W MAX
◎

The use of non-standard adapters, such as an optional car charger or a photo-voltaic panel, need to be equipped with a DC6530 adapter. Charging voltage range is 12-30V. The maximum charging power of the DC port is 150W.

3. **How to use the AC function?**

- Shortly press the AC button to turn it on, the icon ⊗ lights up, meaning that the device is ready for supplying power. Press the AC button again to turn it off, the icon ⊗ light off.
- Support rated AC up to 500W (1000W peak).

⚠ Notes:

1) After using the AC function, please make sure it is turned off properly.

2) When the output is overloaded or short-circuiting, ⊗ flashes and the alarm is buzzing.

4. **How to use the Car Port Output and DC Output Port?**

- Plug the qualified cigarette lighter into the Car Port outlet and press the DC button. The Cigarette Port icon 🚬 and DC icon ⊙ on the screen will light up together, which means that the device is ready for supplying power. Shortly press the DC button to turn off both ports.
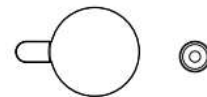
- When the Car Port Outlet and DC5521 Port output are used at the same time, the maximum total output power is 120W (12V/10A).

⚠ Notes:

When the output is overloaded or short-circuiting, 🚬 and ⊙ are flashing and the alarm is buzzing.

5. How to use USB and TYPE-C output ports?

Shortly press the USB button to turn on USB-A/TYPE-C ports, which are used for digital devices such as mobile phones, cameras, tablets and so on. When the device is fully charged or plugged out, it will turn off automatically.

⚠ Notes:

When the output is overloaded or short-circuiting, USB-A flashes and the alarm is buzzing.

6. How to use the lights?

Shortly press the light switch to turn on the LED light (normal mode). After that, each short press on the light switch will change the LED mode from normal mode to SOS mode, flash mode and turns off the LED light. A long press on the light switch turns off the LED Light in any mode.

Light

7. How to turn off all outputs?

Press the AC button and DC button simultaneously to turn off all outputs.

PRODUCT SPECIFICATIONS

Product name	EveBase Power Station Move 500W
Product dimensions	L*W*H = 269*178*205mm
Product net weight	5,0 kg
Rated capacity	484Wh rated voltage 21.6V
Charging input	12-30V 150W Max
Charging mode	DC port: 1. adapter output 12-30V (current above 1A can be used; The maximum power of the photo-voltaic panel within 30V. Solar panels: the charging time depends on the power of the solar panels and the intensity of sunlight.
AC output	500W (1000W peak)
QC 3.0 output	5V/9V/12V (18W)
USB output	5V/2.4A (4 USB ports total, maximum output current is 6A)
Type-C output	5-20V/5.0A, 100W max (PD 3.0)
DC output	12V/10A
Car port output	12V/10A
Stand-by current	<800uA
Operating temperature	-10°C ~ 40°C
Charging temperature	0°C ~ 40°C
Working environment humidity	<90%RH

BATTERY SPECIFICATIONS

Type of battery	18650 ternary lithium battery
Single cell rated voltage	3.6V
Single cell rated capacity	3200mAh
Battery pack rated voltage	21.6V
Battery pack output voltage range	18.0-25.2V
Battery pack rated capacity	484Wh
Battery pack maintenance	If not used for 3 months, product should be recharged.

PROBLEMS AND RESOLUTIONS

Status	Possible cause	Resolution
Access load buzzer alarm	The connected load exceeds the output capacity of the interface, or is short-circuited, triggering the overload protection	The power of the connected device shall not exceed the power of the output interface
Buzzer sound during use, temperature icon flashes	The equipment temperature is too high or too low	1. Please check if the fan is running normally and is ventilated. 2. Please turn off the output and restart the machine when it is cooled down. 3. Place the equipment in a -10°C ~ 40°C environment.
Unable to charge	The adapter has a poor connection	Please check if the adapter is properly connected to the charging port.