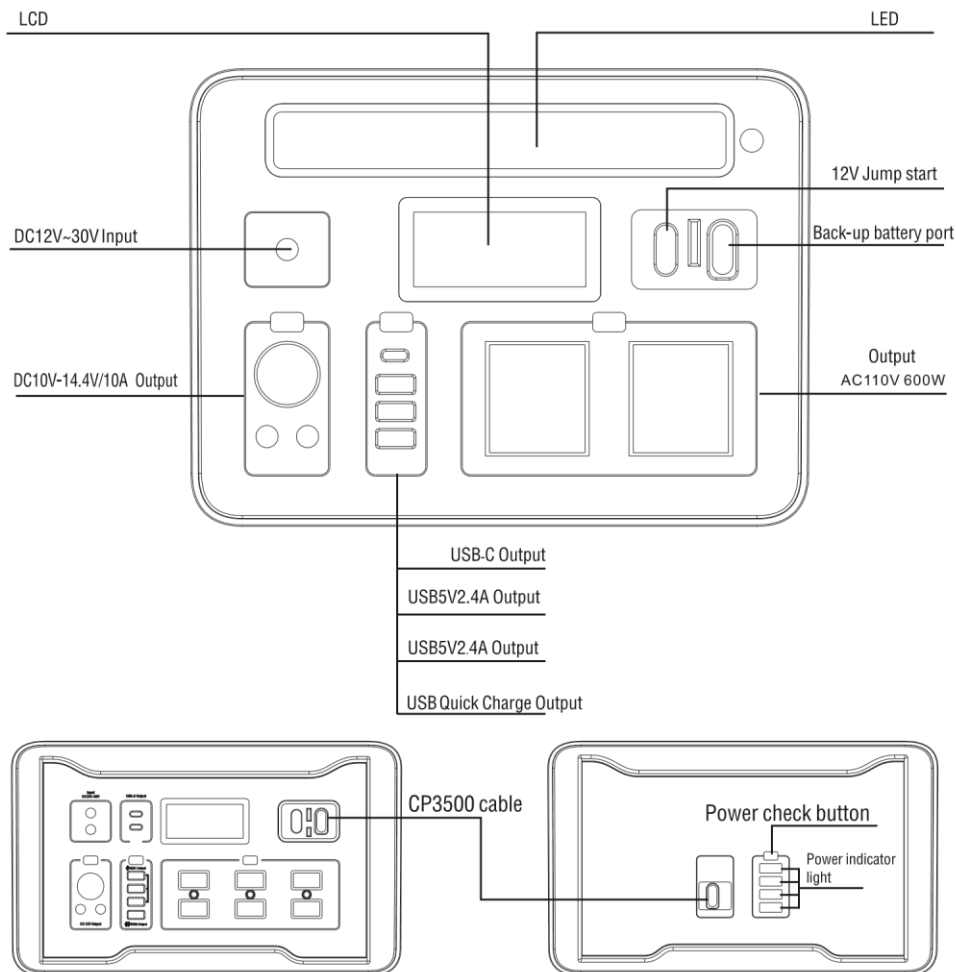


# *VanPowerS*

## OPERATION MANUAL

Model: AC-10

# The graphic description



This product can attach with back-up battery ,capacity expand to double ,connected with a CP3500 cable. when charging ,the host's battery will be charge priority ,after full charge the host 's battery , then charge to the back-up battery . when discharging , discharge the back-up battery at first ,after use out back-up battery ,automatic switchover to host's battery .



Cp3500 cable will be get hotter when using , please DO NOT touch in avoid of scald

## TECHNICAL SPECIFICATIONS:

Model	AC-10
Battery type	Lithium-ion battery
Capacity	640Wh
Input	12V-30V (65W)
Output 1	Car charger +DC (x2 ): 10V-14.4V/10A
Output 2	USB- C: 5V3A/9V3A/12V3A/15V3A/20V3A (60W MAX) ; USB1(x2): 5V/2.4A USB2 Quick Charge: 5V3A/9V2A/12V1.5A (18W MAX)
Output 3	AC110V/60Hz (continuous: 600W, Peak: 1200W) Output wave: Sine wave
Output 4	12V Jump start (start current:500A; Peak current:1000A
Protections	Over-current, short circuit ,over-voltage,over-charge, Over-discharge, over-temperature, lack of voltage.
illumination Light	12W LED
Working temperature	-20°C~55°C
Charge temperature	0°C~55°C
Weight	9 KG
size	263*221*215.8mm
Certificates	CE, RoHS, FCC, UN38.3

## Instruction of usage

- 1.Power on---Press any button on the state of standby.
- 2.Power off---Close all outputs by manual operation, into the state of standby after 30s.
- 3.Power off in 6 hours  
The last time open any output, continue 6 hours, if the output loading current lower than the setting current ,it will be power off after 30s later ,or after 6 hours the loading current higher than the setting value,the output will be keep on until the loading current lower than the setting value .
- 4.The over high temperature or the over low temperature both will be effect on the battery's capacity, the unit allow to charge under the temperature within 0~55°C, supply the power under the temperature within -20°C~55°C。
- 5.Advise to full charge before the first time using to avoid the lack of power make you worse usage experience.

## LED Lighting function

### LED Lamp Parameters

This machine is 12W, LED brightness is 550-650LM

### Lighting Opening Method

Click the light switch button, the display is lit, and it is in low light mode; click the LED light switch again to switch from low light to medium light mode; click the LED light switch again to switch from medium light to intensity light Mode; click the LED light switch again to enter the burst flash mode; click the LED light switch again to enter the SOS mode; in the SOS mode, click the light button to turn off the light.

### The way to charge the unit

- 1.Charge the unit by the standard charger,full charge time: 7-8 hours.
- 2.Solar panel charge ,full charge time : 7-8 hours.
- 3.Car charge ,full charge time : 10-11hours.

Above data come from lab. The testing data will be differ effect by the testing environment, testing method ,usage method etc. The testing data just for the refer.

### Packing list

Power station unit x1, Charger x1, Car charge connector x1, user manual x1

### TOXIC AND HARMFUL SUBSTANCES

Composition and amount of toxic and harmful substances in EPower.					
Pb	Hg	Cd	Cr(Vi)	PBB	PBDE
O	O	O	O	O	O
O: Indicate all homogeneous materials' hazardous substances content are below the MCV limit specified in the Standard 2002/95/EC(RoHs).					

### FAQ

Q. The power station can take to airplane ?

A. NO,this product belong to lithium battery product, according to the regulations on International Air Transport Standards ,the take along battery capacity should under 100WH.

Q. Why there is “wu.wu..” sounds come from when using?

A. This product use the wind cooling system, there will come with lightly noisy when usage, it belong to the normally .

Q. Why can't use even the loading equipment power within the rated power range?

A. 1.Low capacity ,need to charge.

2.Some equipment using power higher than power station's max power or equipment's nominal power higher than power station's actual power.

Q. When charging ,the charger will be get hotter ,any damaged to the charger?

A. The charger will be get light hotter when using ,itis normally,if it very hot ,advise to stop charging.

Q. Is it can Jump start the cars ?

A. Yes ,it can be .

a. Correct connect the battery clamp , the red clamp connect to "+", black clamp connect to "-".

b. Make sure the Jump start indicator green led on , then start the car.

c. After starting the cars , take out the clamp immediately .

## Main trouble removal

Fault	Fault removal	Solve solution
Product can't charge	Charger do not connect to the unit well and the charge indicator light power off.	Correct connect to the unit.
	Contact well ,but indicator light power off.	Charger is fault,contacts after sales dept.
	Indicator light on,but still can't charge.	The unit is damaged.
Product no outputs	the loading equipment do not connect the power station well.	Well connect to the power station.
	The output switch do not open.	Open the corresponding switch.
	Power station in low capacity.	Charge to the power station.
	The equipment loading power high than power station max output power.	Change to Carku bigger power station
	Try all above methods but still can't removal	Product is damaged,contact the distributor
The output break off when using	The loading equipment power higher than power station.	Replace with Carku bigger power station
	The loading equipment power too small,cause power station can't recognition lead to power off automatic .	Re-open the power station
	Try all above methods but still can't removal.	Product is damaged,contact the distributor

## **Warning and matters need to attention.**

1. Before start using our product, please read the instructions carefully.
2. Please do not contact with other electronic products which exceed the specifications' requirement in case of getting electric shock or damage the product
3. Please don't use the damaged or broken output cables or terminals connect to the product, in case of getting electric shock or damage the product.
4. Please keep the products dry, don't get immersed in water or put on humid environment in case of getting electric shock or damage the product.
5. Please don't plug foreign object into input port or output port in case of damaging the product.
6. Please use the product in a good ventilation environment.
7. Please avoid falling down from high place.
8. Please don't use the product under too high temperature or too low, or the product would not operate, shorten the life span or get damaged possibly.
9. Please don't expose the product into the fire or the temperature over 60 °C, or it will cause the accidents such as fire and explosion.
10. Please don't expose and use the product under bad environment such as rainy, frost and snowy weather or greasy place, or it would make some function loss efficacy , shorten the life span or cause battery damage.
11. Please don't try to disassemble the product and only professional technical staffs are allowed to disassemble it. Or it will cause electric shock, fire or explosion such unknown dangers.
12. After vacancy of a long time, please charge it every 12 months in case that it would not have enough electricity.
13. Please keep far away from children avoiding possible dangers.
14. Under extreme condition the battery would leak the liquid, if get touched by hands or other bare skin parts accidentally, please wash it by soap and water; if get into eyes accidentally, immediately use the cold water to wash at least 10 minutes then go to hospital instantly.
15. Please handle the Lithium products according to your local laws after its expiration of life span.

## After-sales service

1. This product provide 12 monthes warranty .
2. The warranty date count from the date of your purchase this product.
3. If there is quality issue needs after-sales service, please provide the purchase receipt and corresponding effective proofs.
4. Below situation not covered by the warranty.
  - a. Not belong to the product quality problem .
  - b. Man-made damage.
  - c. The damage from the appearance after using.
  - d. Disassemble and maintain by illegality .
  - e. Damage caused by natural disasters, lightning, accidents and other irresistible factors

Get the warranty information ,please contact us our

E-mail: [service@vanpowers.com](mailto:service@vanpowers.com)

Web: <https://www.vanpowers.com>

Add: Pingxin North Road, Hehua Community, Pinghu Street, Shen zhen, Guangdong, China