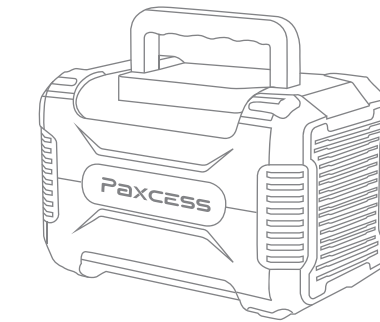



Paxcess

**ROCKMAN 500
Portable Power Station
USER GUIDE**



Before using or storing, please read this manual carefully, and charge your ROCKMAN 500 with the included charging adapter.

Made in China
 Website: www.paxcess.com
 Email: service@paxcess.com



Paxcess

**ROCKMAN 500
Portable Power Station
USER GUIDE**

Introduction

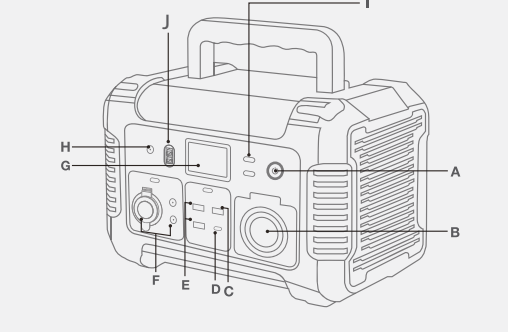
Thank you for purchasing Paxcess Portable Power Station. Before using or storing, please read this manual carefully, and charge your ROCKMAN 500 with the included charging adapter. If you have any questions or issues, please contact our customer services team for further assistance.

Email: service@paxcess.com
 Fax: Call: US: 877-756-866 Service time: Mon-Fri: 9:00-17:00 PST
 Facebook: @paxcess
 Website: www.paxcess.com

What's In The Box

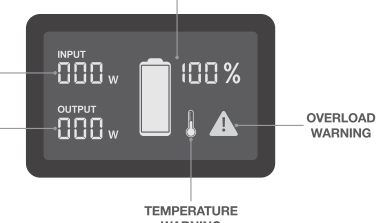
- 1 x ROCKMAN 500 Portable Power Station
- 1 x AC Charging Adapter
- 1 x Car Charger Cable
- 1 x Warranty Card
- 1 x Safety Precautions Card
- 1 x User Guide

Button Definition



- A. Main Power Button
- B. AC Output
- C. USB-A AC Output
- D. USB-C PD Output
- E. USB-A Outputs
- F. 12V Output
- G. LCD Display
- H. LCD Head Part
- I. LCD On/Off Button
- J. Solar Charging Port

LCD Display



BATTERY LEVEL: Shows the amount of power (watts) going into the ROCKMAN 500 while charging.

OUTPUT: Shows the amount of power (watts) your devices are using while plugged into the ROCKMAN 500.

BATTERY LEVEL: Shows 10 segments, approximating 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100% capacity. When charging your ROCKMAN 500 you will notice a battery segment blinking. This indicates the current charge status. Once fully charged, all battery segments will be lit and remain solid.

OVERLOAD WARNING: Power draw exceeds port's maximum allowance, indicated by red light on the port's button. You need to remove the device to corresponding port (25W), and then press the button of the port to recover.

TEMPERATURE WARNING: The unit is over heating. Allow it to cool, and then press the main power button to recover.

Using Your ROCKMAN 500

Press and hold the main power button for 2 seconds, the power station will be turned on.

Press and hold the 12V/5V/AC button for 2 seconds to turn on corresponding output port/button not using certain ports, make sure to turn them off to conserve power!

You'll know the output port is turned on when the green LED light on the button is illuminated.

Press the "DISPLAY" button to turn on/off the LCD display.

Notice:

- Please use this power station to power your device at temperatures ranging from 10°C ~45°C.
- Before using, please check whether the power of your device exceeds the output range of this unit. This power station will enter protection mode if the power of your device exceeds the output range.

DC Output

- Long press the main power button, and then press the "DC" power button, the DC output will be turned on, the green LED light on the button is illuminated.
- Plug your devices into corresponding ports, you will see the amount of power(watts) your devices are using marks on the LCD display.

AC Output

- Long press the main power button, and then press the "AC" power button, the AC output will be turned on, the green LED light on the button is illuminated.
- Open the cover of AC output ports.
- Plug your devices into corresponding ports, you will see the amount of power(watts) your devices are using marks on the LCD display.

USB OUTPUT

- Long press the main power button, and then press the "USB" power button, USB-A/USB-A/DC/USB-C PD output will be turned on, the green LED light on the button is illuminated.
- Plug your devices into corresponding ports, you will see the amount of power(watts) your devices are using marks on the LCD display.

What it Powers

AC OUTPUT: Television, Electric Kettle, Tablet.

DC OUTPUT: Motorcycle, LED Light, Fan.

USB OUTPUT: Phone, USB Fan, GoPro.

Charging Your ROCKMAN 500

There are following 3 charging ways:

AC Adapter: Plug the AC adapter into the socket, and then connect the other end to the DC or Type C input charging port of the power station. The LCD display will show the charging status.

Solar Panel: Plug the solar panel into the solar charging port of the power station. The LCD display will show the charging status.

Car Charger: Plug the car charger into the car charging port of the power station. The LCD display will show the charging status.

Charging from Solar

The DC input and PD ports are compatible with charging from solar panels.

- Place the solar panel in direct sunlight (use recommended Paxcess solar panels).
- Connect the other end of car charging cable into the charging port of the power station, and the LCD display will show the charging status.
- When it's fully charged, the LCD display will show the charging status. Please charge at temperature range of 10°C ~45°C.
- During the charging process, when the battery temperature rises, the cooling fan will automatically turn on to lower the battery temperature.
- Remove the charging device from the solar panel and power station after fully charge.

Charging from AC Adapter

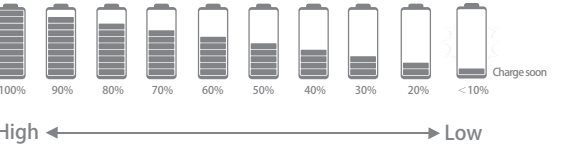
- Insert the AC adapter into the socket, and then connect the other end to the DC or Type C input charging port of the power station. The LCD display will show the charging status.
- When it's fully charged, the LCD display will show the charging status. Please charge at temperature range of 10°C ~45°C.
- During the charging process, when the battery temperature rises, the cooling fan will automatically turn on to lower the battery temperature.
- Remove the charging adapter from power station after fully charge.

Charging from Car Charger(12V/24V)

- Connect the included car charging cable into car port.
- Connect the other end of car charging cable into the charging port of the power station, and the LCD display will show the charging status.
- When it's fully charged, the LCD display will show the charging status. Please charge at temperature range of 10°C ~45°C.
- During the charging process, when the battery temperature rises, the cooling fan will automatically turn on to lower the battery temperature.
- Remove the charging adapter from power station after fully charge.

Charging Indication

The battery indicator shows the remaining battery capacity.



High ← → Low

The power margin will be 10%, 20%, 30%, 40%, ..., 100%, displayed in 10 segments. When the battery capacity is below 20%, the power margin could not show the exact remaining amount of capacity. At this time, please charge as soon as possible when the battery capacity is below 10%, the power margin will flash and the AC output will be forced to close. In addition, if you do not use it for a long time, please charge the power supply every three months.

Technical Specifications

Capacity	519Wh/14640mAh, Lithium Ion
Size	11.8 x 7.9 x 7.8 inches
Weight	10.4lb
Input	DC Input: DC5511, 11-20V, 7.5W Max Solar Panel: 11-20V, 120W Max USB-C PD Input: 5-20V, 30W Max
1 x Car port	12V/5A
2 x 5pin DC Port	12V/5A
AC Output	110V/60Hz/1000W Rated, 1500W Peak
2 x USB Output	5V/3.1A
USB-A DC Port	5V/3A, 9V/2A, 18W Max
USB-C PD Port	5V-20V 30W max
Cell Type	Lithium-Ion Battery
Lifecycles	> 500
Working Temperature	Charge Temperature: 0°C-40°C Discharge Temperature: 0°C-45°C
Safety Protection	Overheating Protection, Over Current Protection, Over Voltage Protection, Short Circuit Protection

Frequently Asked Questions

Why this power station cannot supply power to other devices (NO output)?

- Please check whether the power button and output port of the power station are turned on (there is no output if the ambient temperature is beyond 10°C ~45°C).
- Check if the device completely inserted into the output port of power station. Whether there is foreign matter at the port of device and power station.
- Please refer to the margin of the LCD display to see if the remaining battery capacity of the power station. If it's less than 10%, the power station needs to be recharged.
- Check if the voltage and current specifications of the device exceed the range of power station.
- Please confirm whether the power station is automatically turned on over current/overload/over temperature function due to other reasons.

How to release the automatic protection function after it is activated?

Follow these steps:

- If the OVERLOAD mark is lit on LCD display:
 - Disconnect the device (G).
 - Short press the power button to release the automatic protection mode.
- If the LCD display is completely black:
 - Disconnect the device (G).
 - Charge the power station for 2-3 minutes.
 - Short press the power button to release the automatic protection mode.

Why is the adapter hot while charging the power station?

Our accessories include an AC adapter that can be used up to 65°C. In addition, the adapter is UL/PSE certified, please feel free to use it.

What is overload protection?

Overload protection is that the power station will automatically turn off when the power of the device exceeds the rated output power. The LCD display will flash when the power system detects that the device being used is overloaded or overloaded. Please confirm whether the device parameter specifications meet the scope of the power station before using it.

Can I charge this power station while supplying power at the same time?

When the power station is in recharging, the USB TYPE-C/DC output ports are available, but there is no AC output at this period.

How do I know if my device will work with the ROCKMAN 500?

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 aid you. To be compatible with the ROCKMAN 500 you should use devices that require less than 500W.

How to know the working times for my device?

Working time = (519Wh/0.85)working power of the device. For reference, assuming your device consumes 30W (possibly a 40 inch TV), the working time is 519Wh/0.85/30W = 19hr.

Can I take ROCKMAN 500 on a flight?

No. Under FAA regulations we are not allowed to take any battery exceeding 100Wh on a plane. ROCKMAN 500 is 519Wh.





AC and DC output, which way is best to power my CPAP machine?

For Optimal Use with CPAP: ROCKMAN 500 can power your cpap by two ways: 110V AC plug and 12V DC plug. Strongly recommend that CPAP users use DC to DC converter to work with this unit and turn off or remove the heater/fan/heated hose. Checked fan longer. To buy the DC converter, please consult with your CPAP supplier or simply find us for a guide.

Is this ROCKMAN 500 uses Modified sine wave Inverter or Pure sine wave Inverter?

The ROCKMAN 500 uses pure sine wave inverter, pure sine wave inverters use more sophisticated technology to protect even the most sensitive electronics. Pure sine wave inverters produce power which equals - or is better than - the power in your home. Appliances which may not function properly, or which may be permanently damaged, without pure, smooth power will be safe with pure sine inverters.

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