

Molonlave Group RCS960 Rush Charge PowerStation 960 User Manual

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[Home](#) » [Molonlave Group](#) » Molonlave Group RCS960 Rush Charge PowerStation 960 User Manual

Contents [\[hide\]](#)

- 1 Molonlave Group RCS960 Rush Charge PowerStation 960
- 2 Features of This Product
- 3 Safety Instructions
 - 3.1 About the Representation
- 4 Safety Instructions
- 5 FCC Statement
- 6 Parts
- 7 Description For Each Indication
- 8 Charging Operation
- 9 Operation Guidance
- 10 Product Specification
- 11 Guarantee Regulations
- 12 Contact Us
- 13 Documents / Resources
- 14 Related Posts



Molonlave Group RCS960 Rush Charge PowerStation 960



Features of This Product

- This product has a built-in lithium ion battery (808.08Wh), which is a compact and portable power supply.
- Equipped with AC 110V (800W), Wireless Charging, DC USB-A (QC3.0), Type-C (PD), DC12V. Support 120W car charger output.
- This product can be charged with AC110V (the included matched charger), DC12V or 24V cigarette lighter on the car rack (purchased separately), or solar panels (purchased separately). It can be used as an emergency power supply and source of light during power failures or outdoor situations.

Safety Instructions

About the Representation

In order to prevent harm to the user and other people, and damage to the property beforehand, please follow the instructions below before using this product.

- The harm and degree of damage caused by non-compliance with the display content and wrong use method are differentiated and explained in the following display.
- Please must obey the contents distinguished by the following representations and explanations!

Safety Instructions

- Please never disassemble and reform this product. Excessive heat, burning, and cracking can cause a lethal fire and personal injury.
- Do not shock or crush this product. Excessive heat, burning, and cracking can cause a lethal fire and personal injury.
- Please do not put this product in fire or heat. Do not charge, use or store this product in high temperatures. Excessive heat, burning, and cracking can cause a lethal fire and personal injury.
- Please do not use any other device to charge this product, other than the included charger and cable. Non-compliance use can cause heat, leakage or damage.
- Please stop using this device immediately in the event of any abnormality or failure in order to avoid further damage.
- Please do not submerge this device in water or get it wet in any form. Non-compliant operation can cause a short circuit, fire, electrical shock or personal injury.
- Do not use it in places where the ambient temperature is outside the range of 0°C – 40°C. Or it may cause liquid leakage, heat, and explosion.
- If the battery could not be fully charged even the charging time has exceeded the product specification, please stop charging. Or it may cause liquid leakage, heat, and explosion .
- When cleaning, be sure to unplug the AC adapter from the socket. Or it may cause electric shock or injury.
- If it gets wet with water, or if foreign matter or liquid enters the inside, stop using it immediately if the housing is also damaged. There is a risk of fire and electric shock.
- Please fully insert the AC plug in the power socket all the way when charging. Incomplete insertion may cause electric shock and fire.
- Do not short-circuit the terminals with metal, etc. It will cause fire and explosion.
- Please do not make physical contact with this device during lightning storms which may cause electrical shock and bodily harm.
- Do not touch the device or attached cables while operator's hands are wet. This may cause electrical shock and bodily harm.
- Please do not operate this product with wet hands. It will cause electric shock.
- Please do not use this product when the power cord is broken or inserted slowly. It will cause fire and electric shock.
- Do not use or store this product in direct sunlight or in a car under the hot sun. It can cause damage and heat.
- Please do not place this product near high temperature stoves, devices, etc. This will cause the device housing to become deformed and risk operation failure and injury.
- Do not use it where infants and young children can reach or near the bed. The product falling down may cause an accident.

CAUTION

- Please do not use it where is with water droplets or high humidity. It can cause malfunction of the product.
- Do not place it at a sloping position, a high place such as a shelf, or an unstable place. Falling will cause damage to the body and cause personal injury.
- Do not use or store in where is exposed to direct sunlight, near fireworks, with high temperature, much oily smoke, humidity, dust, or moisture. It may cause electric shock and fire, which adversely affect this

product.

- When not using, please unplug the power cord to avoid malfunction.
- When connecting this product to the device, be sure to follow the instructions of the connected device.

FCC Statement

This device complies with part 15 and part 18 of the FCC Rules. Operation is Subject To the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not explicitly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 and part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. During the operation of device a distance of 15 cm surrounding the device and 20 cm above the top surface of the device must be respected.

This device complies with Part 18 of the FCC Rules. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and any other radio device.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Use Notes & Notice

- In order to prevent the aging of the battery that has not been used for a long time (for the purpose of not shortening the battery life), please charge it every 3 months.
- In the use of this product, there is no guarantee even if the data and programs of the device you use are deleted. Please understand in advance.
- Please pay attention when using AC power output function.

Please be sure to connect less than 800W to this device at a time.

In addition, even if the rated power consumption of the equipment used is less than 800W, the equipment with a large rush-in power of start-up may not be used.

The rated power and inrush/start-up power are very different for the following equipment such as vacuum cleaners, electric fans, refrigerators, and water pumps that use a motor. Please confirm the maximum power consumption before connecting.

AC power for this product comes from DC power through the inverter circuit, so it can not output stable and correct waveforms, frequencies and voltages. Please do not use equipment with such condition requirement or limitation. In addition, please never use this product for medical equipment and other life-related equipment. When the AC power used or charged, the radios, TVs and other electronic products will be affected to cause noise. Please keep this product away from the electronic equipment at that time.

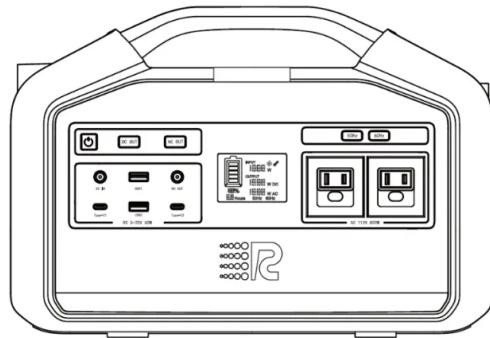
- In the case of charging with a cigarette lighter in the car, please use an MP122C DC car charger with an outer diameter of 5.5mm and inner diameter of 2.5mm.

On some car models, it may not match the shape of the cigarette lighter socket. Please do not use it in this instance.

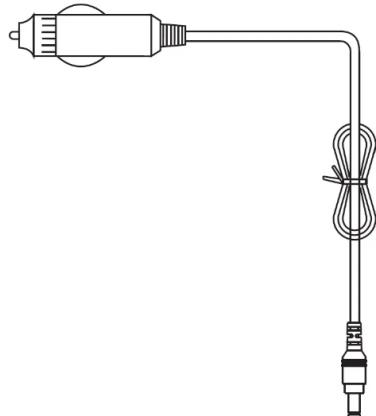
Parts

Confirm that your device and all the featured parts are in your package.

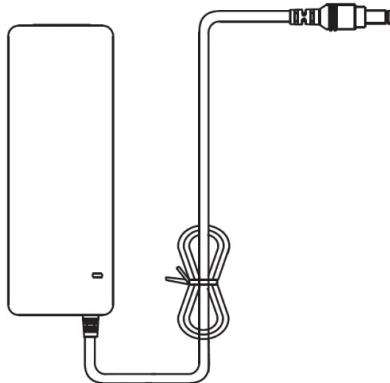
- 800W Energy Storage Battery



- Car Charger Plug



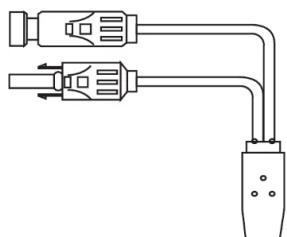
- AC Charger Adapter



- AC Charging Cable

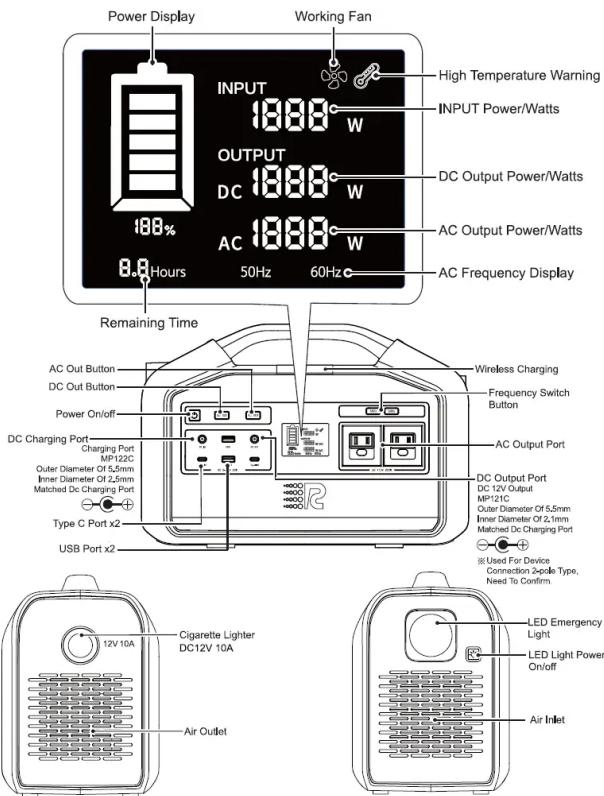


- Solar Charging Cable





Description For Each Indication

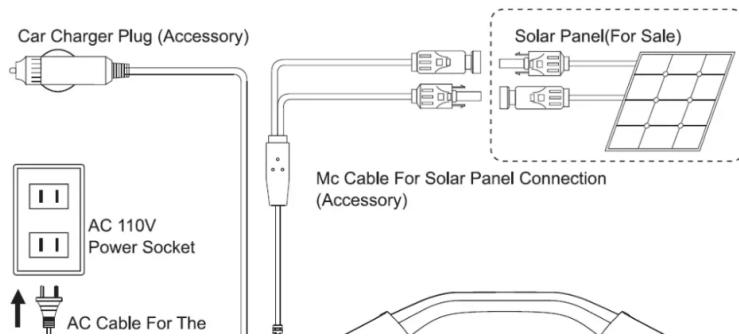


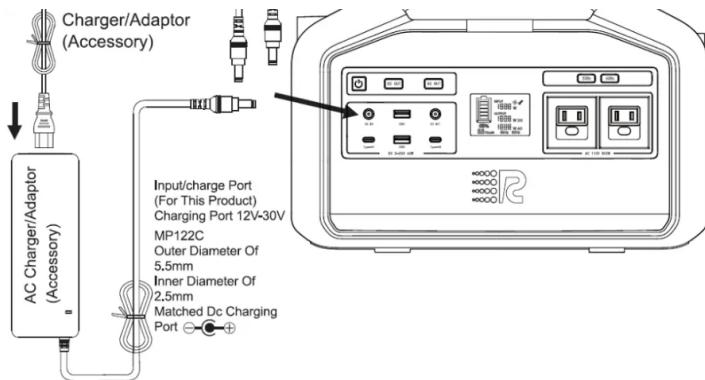
Charging Operation

Notice Before Use

- Before use, be sure to use the included adapter or car cigarette lighter cable (sold separately) to charge this product.
 - When charging with the cigarette lighter socket of the car, please use the one 12V or 24V. Please use MP12C DC car charger with the outer diameter of 5.5mm and inner diameter of 2.5mm.
- On some models of cars, it may not match the shape of the cigarette lighter socket. Please do not use it on that occasion.

- To charge this product with the AC adapter, please insert the AC plug into the power socket, and then insert the DC plug into the DC charging port on this product. To charge from the car, just use the car light cable (sold separately).
 - It takes about 8.5 hours to complete the fully charge.
 - In order to prevent the battery from aging, the AC output is closed when being charged.
- After the charging is finished, remove the charger from the socket, and remove the other plug from the product. When charged with the car light socket, also disconnect the car cigarette lighter cable (sold separately).





Operation Guidance

Notice Before Use

- Please confirm whether the input voltage of the connected equipment matches the output voltage of this product.
- When using the 110V output of this product, please make sure that the total power consumption of all connected equipment does not exceed 800W. If it does, then the power stations over-power protection circuit will activate, and all output will be stopped.
- Please never use this product for medical equipment and other life-related equipment.
- In order to avoid running out of battery power, the main power will be automatically turned off after it is no-load for 12 hours.

AC 110V Usage

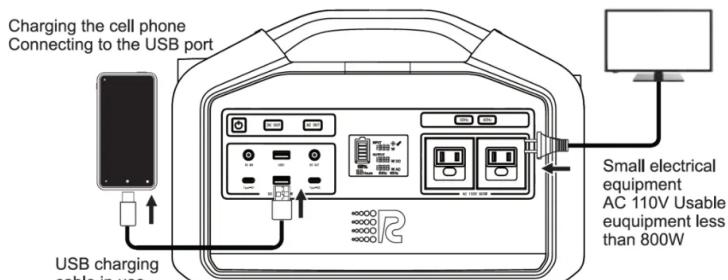
- Press and hold the power on/off button for 3 seconds to turn on the product.
- Press the 50hz or 60hz button for 1 second to select the right AC frequency. The indicator light beside keeps on. Then the output circuit start up.
- Press the selected 50hz or 60hz button for 1 second to turn off the AC output, which would stop powering the equipment connected.
- After use, press and hold the power on/off button for 3 seconds to turn off the product, and then disconnect the cable with the device.
 - If the power of the connected equipment is more than 800W, exceeding the usable AC power of this product, or if the connected device fails, the AC output is cut off, and a beep beep will be emitted for alarm. Remove the connected equipment from the AC socket, and then long press the selected 50hz or 60hz button for 3 seconds to reset.
 - When a 60W bulb is connected to a 110V socket, the usage time is about 11.6 hours. $800\text{Wh} \times 0.87$ (DC-AC conversion efficiency of this product) + 60W = 11.6hours.

LED Light Usage

Each time you press the LED light on/off button, the LED light will be altered from one mode to another. It's in the order weak light, strong light, slow flash, fast flash, off and then repeated. Hold the power switch for 2 second to turn off the light.

Charging Usage for Cellphone

- Press the DC output button to turn on the DC output.
- Connect the charging equipment with the USB cable to the USB1, USB2 or Type-C port for charging.
- After use, press the DC output button to disconnect the DC output. Then unite the cable connecting the equipment.
- After the wireless charging is turned on, if it is not used or the idle time reaches 5 minutes, the system will automatically turn off the wireless charging to avoid power loss. If it is to be used again, please short press DC OUT again to turn off/on.



Product Specification

Host Parameters	
Product Name	Rush PowerStation 960
Charge/Discharge Cycles	More Than 500 Times
Charging Time	About 8.5 Hours
DC Input/charge	DC 12V-30V 7A Max
AC Output	AC110V ±10% Sine Wave 50Hz, 60Hz Switch
AC Continuous Output Power	800W
AC Max Output Power	960W (3min)
DC Output	USB-A 5V 3A, 9V 2A 12V 1.5A x 2Port QC3.0 Fast Charge
	USB-A 5V 3A, 9V 2A 12V 1.5A x 2Port QC3.0 Fast Charge
	12V DC Output 12V 4A Car Charger Output 12V 10A
Wireless Charger output	15W Max
LED Light	400lm/4W Level Dimming SOS Signal Light
Over Current Protection	60A (Inside of This Product)
Operating Temp./Humidity	0-4°C Humidity 20%-90%RH
Storage Temp./Humidity	-10-55°C, Humidity 20%-90%RH
Product Dimensions	350mm x 170mm x 240mm
Product Net Weight	8.0Kg
AC Adaptor (Included Charger)	
AC Input	AC 100V-240V
DC Output	DC 21V/5.5A
Solar Battery (For Sale)	
Solar Battery (Electricity)	DC 18V 7A Max
<ul style="list-style-type: none"> Specifications, appearance, and accessories are sometimes changed without notice for improvement. Please understand in advance. 	

Maintenance Method

When cleaning, please use a dry cloth or a wrung out soft cloth soaked in water. Please do not use solvents such as thinner or aniline. When using chemicals, please follow the precautions. If the stain is serious, please wring out a soft cloth soaked in water with neutral detergent and soap to wipe the stain.

About Abandonment

Regarding the recycling of lithium batteries.

This product is made with lithium ion batteries. Do not dispose of unused batteries. In order to effectively use rare resources, please go to a rechargeable battery recycling store to assist in recycling and reuse.

Guarantee Regulations

This guarantee regulation clearly records the guarantee content to the guests. In addition, under certain time and conditions, on this basis, we promise to provide guarantees without restricting the legal rights of customers.

- Within 1 year from the date of purchase, under normal use in accordance with the "User's Manual", if a failure occurs due to a manufacturer production problem, replace it with the same or equivalent product.

2. If there is a need for exchange, please attach the delivery note of purchase to the product, and bring it to the agent shop.
3. The transportation costs for the exchange of consignments and packaging, etc., and the shipping and other costs during delivery are borne by the customer.
4. The scope of the guarantee is limited to exchange. In addition, losses due to malfunctions or other reasons, as well as direct or indirect losses during the use of the product, are not included in the scope of liability.
5. Even during the guarantee period, the following conditions are not covered by the guarantee.
 - The delivery slip does not include the date of purchase or the name of the shop. Incorrect use, malfunctions and damages during renovation. Fire, earthquake, wind, lightning, other natural disasters, insect damage, salt damage, pollution, gas damage, abnormal voltage, failure and damage caused by power supply other than specified.
 - The cause of the failure is outside the product (external factors).
 - Failure and damage caused by movement, transportation, falling, etc. after the acquisition.
 - Failure (compatibility) caused by combination with specific equipment. Goods obtained through transfer, resale, second-hand sales, auctions, etc.

About Discard

In the case of the disposal, please discard according to the garbage disposal method of each local government.

Contact Us

Email: contant@rushcharge.com

Tel: +1 352-323-3500

www.rushcharge.com

Molonlave Group LLC

www.rushcharge.com

Made in P.R.C

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