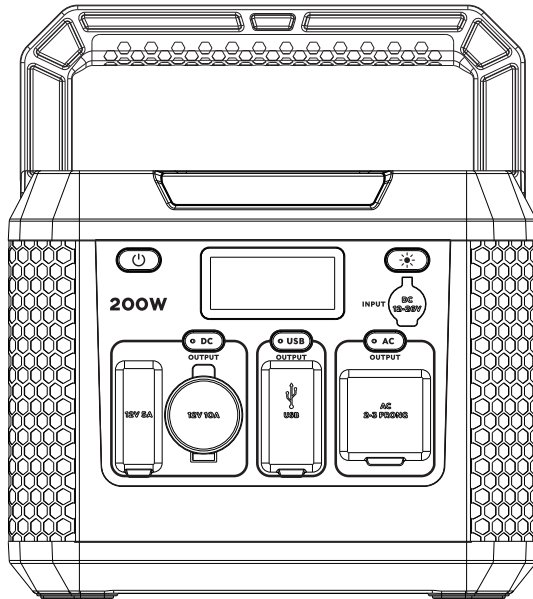

MP200

USER MANUAL



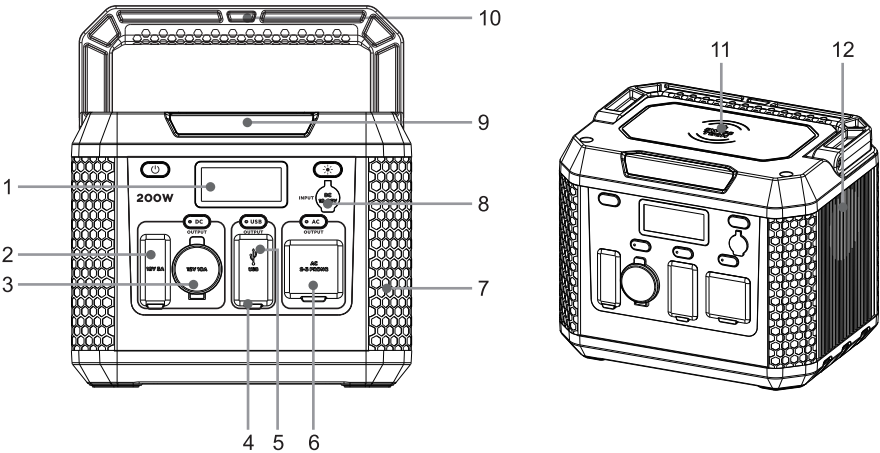
Thank you for purchasing MP200 portable power station.

To make sure your personal safety, property security and user experience, please read this manual carefully before operating, and retain it for future reference.

CHARGE FIRST!

Before using your new Power Station MP200, plug it into a suitable power outlet until it is fully charged. Then you can start your exciting journey with it.

■ Feature Details



1. LCD Screen Display

2. DC Output

3. Car Charger Charging Output

4. USB-A Output

5. USB-C Output

6. AC Output
7. Anti-collision Strip

8. DC Input

9. SOS Mode & LED light

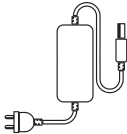
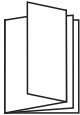
10. Folding Handle

11. Wireless Charger

12. Air Intake Vent with Cooling Fan

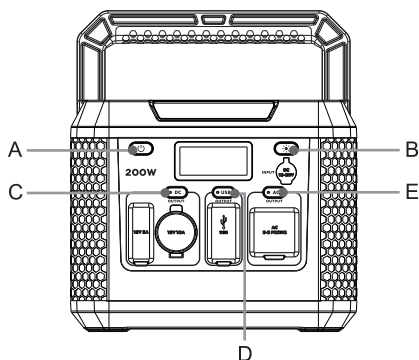
Note: No user-serviceable parts inside.
Recommended to fully charge the MP200 before use.

■ MP200 Accessory List

			
AC 100-240V wall plug power adapter	USB-A to Type-C Charger cable	12V Car Charger cable	User Manual

Recommend to use 60W-100W Solar panel (not included).

■ Button Feature



- A: Power ON/OFF Button
- B: SOS Mode & LED Light Button
- C: DC Output Power ON/OFF Button
- D: USB Output Power ON/OFF Button
- E: AC Output Power ON/OFF Button

■ Function Buttons

● Button A: Power ON/OFF

Button A is the master switch. Press Button A to turn on the power or to shut down the output(s) when not in use.

● Button B: SOS Mode & LED Light

Function is available no matter the Button “POWER ON/OFF”(Button A) is activated or not as the following steps:

Firstly, press Button B to turn on the LED light into the LED light mode. Secondly, double click it to turn on the SOS mode. Thirdly, press Button B back to LED light mode, then press it again, the light will be turn off.

● Button C: DC Output Power ON/OFF

Pls. make sure the button “POWER ON/OFF”(Button A) is activated before pressing Button C to turn on; Press Button C to shut down the output(s) when not in use.

● Button D: USB Output Power ON/OFF

Pls. make sure the button “POWER ON/OFF”(Button A) is activated before pressing Button D to turn on; Press Button D to shut down the output(s) when not in use. The USB-C cable of different devices need different endorsements of corresponding protocols, if the USB-C port doesn't work, try to use the AC adapter to charge.

● Button E: AC Output Power ON/OFF

Pls. make sure the button “POWER ON/OFF”(Button A) is activated before pressing Button E to turn on; Press Button E to shut down the output(s) when not in use.

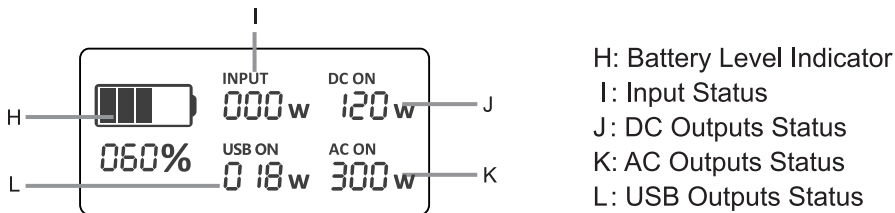
● **WIRELESS CHARGER**

Pls. make sure the button"POWER ON/OFF" is activated before pressing Button D to turn on. Press Button D to shut down the output(s) when not in use.

● **COOLING FAN**

MP200 utilizes an internal cooling fan to ensure the product is operating within the appropriate temperature range. MP200, when it experiences a higher output load, will automatically turn on the fan during discharge or recharging, the fan may operate intermittently to keep internal temperature within operating range. The fan will likely start when the AC circuit is activated to ensure proper operation.

■ **LCD Features**



■ **Details Displayed on LCD**

Battery Level Indicator:

The battery level is provided by percentage of battery charge corresponding to the number of bars and percentage displayed. The segments in the battery level correspond to the current state of charge, 1-20% one segment, 21-40% two segments, 41-60% three segments, 61-80% four segments, and all five are lit when charge level is above 81%.

Provides the user live telemetry data on time to completely charge, or deplete the battery based upon the energy entering or leaving the battery.

Highly recommend to fully charge MP200 when first use.
Higher battery level indicator show, more precise the data will indicate.

Please be aware that this value can adjust multiple times as the energy draw

changes from the connected devices. This is evident during initial activation of ports with a connected device.

Recommended back to charge the MP200 when battery indicate less than 20%. Note that when you first plug in a power source, whether it's a solar panel or a wall charger, the MP200 may take a minute to detect and adjust its charge circuitry before it starts drawing power from the source.

INPUT Status: The MP200 is capable of providing input energy in watts.

DC Output Status: The display will provide output watts of the DC port.

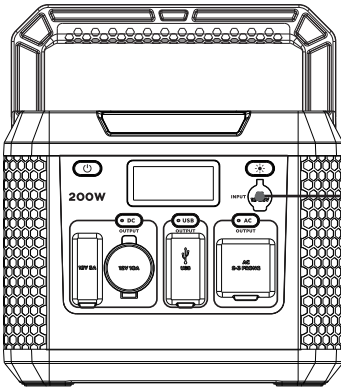
AC Output Status: The display will provide output watts of the AC port.

Power Saving Mode: When the device enters the input or output state, it will enter the screen-off mode after more than 20 seconds, which does not affect the normal operation of the device. When the output power of the device is less than 5W, the device will go into hibernation after more than 8 hours, and the input can be "awakened" when the input is charged or any button is pressed. When not in use, press the switch button to turn off the output.

■ General Specifications

General Specs		
	Rated Capacity	193Wh
	Weight (Net Weight)	≈2.8kg
	Weight (Including Accessories)	≈3.8kg
	Product Size	205*155*165mm
Input		
	Recharging Input Voltage	12-26V
	Recharging Input Power	45W
	AC/DC Adapter	AC100-240V (50Hz/60Hz), DC15V $\overline{=}$ 3A
	Solar Charge Input	DC12-26V $\overline{=}$ 3A
	Car Charger	DC12V $\overline{=}$ 3A
Output		
	AC Output Voltage	120V $\pm$ 10%/60Hz
	Rated Output Power	200W
	Output Waveform	Modified Sine Wave
	Overload Protection Power	220W $\pm$ 20W
	Cigarette Lighter Socket Output	12V/10A
	DC Output*2	12V/5A
		Total 10A
	Wireless Charger	5W
	USB-A Output*2	QC 3.0 18W
	USB-C Output*2	PD 60W *1, PD 18W*1
Battery		
	Standard Capacity of Cells	22.2V, 8.7Ah
	Operating Temp	14 to 104°F (-10 to 40°C)
	Charging Temp	32 to 104°F (0 to 40°C)

■ How to Charge



From Solar Charger
100W 5-7 Hours
Depending On Solar Conditions



From Car Port 12V
5-7 Hours When Car Running



From Wall Charger
5-6 Hours



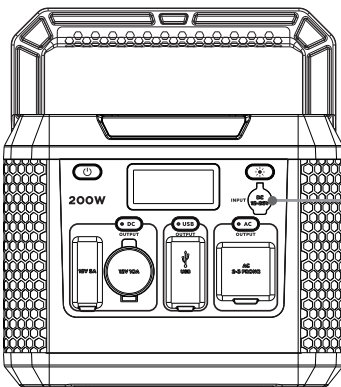
Do not connect device via AC output port while charging the MP200. Recommend to disconnect the MP200 when fully charged.



It is recommended to fully charge MP200 every 3 months to maintain the health of the battery pack.

■ AC Adapter Charging

It will take 5-6 hours to charge fully by using the AC adapter we provided.



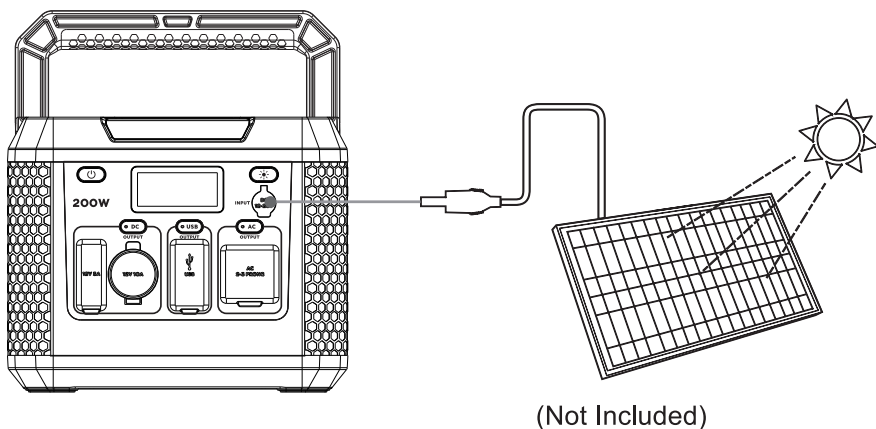
AC Outlet



AC Adapter

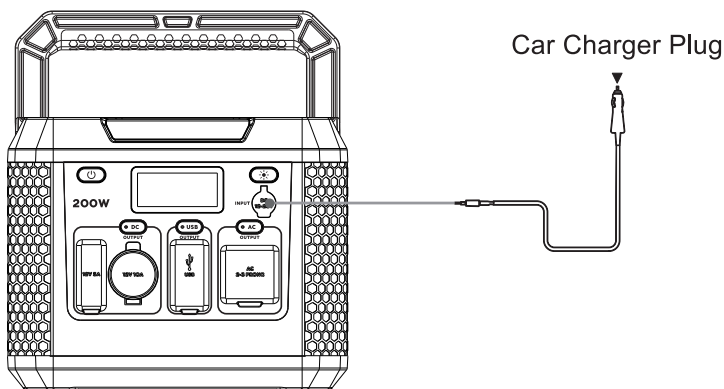
■ Solar Panel Charging

1. DO NOT charge the unit via solar panel that operate voltage outside of DC12-26V.
2. Place Solar Panels in direct sunlight as much as possible.
3. Support 60W/100W/120W Max Solar Panels (Not included), the charging time is determined by the solar light intensity.



■ 12V Car Charger Charging

Use the Car Charger we provided to charge this unit. The full charge time takes 5-7 hours. When the LCD display shows the battery power of 100%, it indicates that this unit is fully charged.



■ Powering/Charging Devices with MP200

Select the type of outlet required by pressing the Output ON/OFF Button C/D/E. The output port will NOT function until the appropriate button is pressed to activate the port. When activated, the indicator on the button will illuminate green, indicating that the output(s) are active, and the LCD display will turn on and provide details on the charging output. The LCD Screen will automatically shut down when no outputs are activated.

Pass-through Charging

The advanced battery management system of the MP200 allows it to charge a connected device via DC output & USB output while charging the MP200.

 Do Not Connected Device Via AC Output While Charging The MP200.

Overload Condition

If an overload condition occurs on the Output port, MP200 will: Automatically turn off AC Output power.

The blue indicator light of LCD Screen still illuminated. DC Output Status J still the same status as usual.

Do Following

Check the input charge cable. The port will be efficient when the input charge cable meets the specification outlined in the GENERAL SPECIFICATIONS section. Only charge MP200 with provided AC wall power adapter.

■ What it Powers

 Laptops(41.4Wh) Around 3.9 Recharges	 32" TV(60W) Around 2.7 Hours	 CPAP Without Heated Humidifier(15W) 11 Hours	 Gopro(5.9Wh) Around 17 Recharges	 Floodlight(4W) Around 41 Hours
 Mini Fridge(40W) Around 4.1 Hours	 Drone(89.2Wh) Around 1.8 Recharges	 Smartphone(10Wh) Around 16.4 Recharges	 Switch(16Wh) Around 10 Recharges	+MORE

■ Safety Instructions

Read the following instructions to ensure safety before using. Improper use may result in fire, property damage or personal injury.



Product Use:

- **DO NOT** use any inappropriate power cords.
- **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.
- **DO NOT** drop the unit into the water. If the battery in the unit comes into contact with water, it may cause chemical decomposition of the battery. This may cause the battery to catch fire or explode.
- **NEVER** use or charge swollen, leaky, or damaged batteries. If your battery is abnormal, contact us to get support.
- **NEVER** install or remove a battery from the unit when it is turned on.
- **DO NOT** use the batteries in strong electrostatic or electromagnetic environments. Otherwise, the battery control board may malfunction and cause a serious accident.
- **NEVER** disassemble or pierce the product in any way. Otherwise, it may leak, catch on fire, or explode.
- **DO NOT** use the product if it was involved in a crash or a heavy bump.
- If the product falls into the water during use, take the product out immediately and put it in a safe and open area. Keep a safe distance from it until it is completely dry. **NEVER** use it again and dispose it properly as described in the Battery Disposal section below. If the product catches fire, it is recommended to use fire extinguishing equipment in the following order: water or water mist, sand, fire blanket, dry powder, carbon dioxide fire extinguisher.
- **DO NOT** allow pins, wires or other metal pieces to insert to the device case, outlets or controls. Metal pieces may short circuit the product.
- Avoid collision. **DO NOT** place heavy objects on the machine.
- Use and store the unit only in a clean and dry environment. **DO NOT** use and store in dusty and wet environment.
- If there is dirt on any plug or outlet surface, use a dry cloth to clean it. **OTHERWISE**, it will cause abrasion and result in energy loss or inability to charge.
- **DO NOT** put the machine in a microwave oven or in a pressurized container.

Product Recharging:

- **DO NOT** charge the unit via power supply systems that operate outside of AC100-240V.
- **DO NOT** charge the unit via solar panel that operate voltage outside of DC12-26V.
- **DO NOT** charge a product immediately after a long heavy load, because the product's temperature may be too high. **DO NOT** charge a product until it cools down to room temperature.
- Always use approved attachment charging cables. we take no responsibility for any damage caused by using other brand charging cable.
- When charging, please place the product on the ground with no flammable or combustible materials around. To prevent accidents, never leave the machine unattended during charging.
- Only charge, use the unit within an ambient temperature of 0 to 40°C (32~104°F). The ideal charging temperature range is 71°F to 82°F(22°C to 28°C).

Product Storage and Transportation:

- Keep the product out of the reach of children. If any children accidentally swallow parts, please go to a doctor immediately.
- If a low-battery warning appears, charge the battery before store it.
- Store the product in dry environments. **DO NOT** place the product where it may contact with water.
- Make sure no small metal objects can fall on or around the product while in storage.
- Never transport a product with a battery power level higher than 30%.

Product Maintenance:

- Never store the product in environments below -20°C or above 45°C.
- Battery life may be reduced if not used for a long time.
- Fully charge and discharge the battery at least once every 3 months to maintain battery health.

Cleaning

Please make sure that the device is disconnected from all input power and output devices. Wipe with a clean, dry, non-soft cotton cloth. Removing any foreign objects, dirt or other obstructions on the vents on both sides. When cleaning foreign objects in the side vents, do not allow debris, dirt or other Blockage enters the equipment.

Do Not use corrosive cleaners or solvents.

Do Not use compressed air to clean the side cooling vents, as it will cause foreign particles to enter the interior and cause a short circuit.

 **Note:** To avoid the risk of electric shock, do not use metal objects to clean the ports.

■ Storage

If it will be stored for more than 1 month, please charge it to 50% capacity and keep it indoors, at normal temperature, and the maximum storage time shall not exceed 6 months. Please keep away from direct sunlight (see the general specification section).

Excessive temperature will lead to reduced service life, overheating and fire. Extremely cold conditions below the specified storage range can also impair the performance and service life of the equipment. Please keep away from corrosive chemicals and gases.

After taking it out of storage, perform a visual inspection to ensure that the appearance of the equipment and all accessories are qualified. Checking the vents on the intake and exhaust sides to make sure they are free of foreign objects. Allowing the device to return to the environment before charging or other devices.

■ Attention

Transportation: The power station meets all legal requirements for the transportation of dangerous goods. The capacity of the lithium battery pack exceeds 100Wh. According to international standards Standard, if the power station is transported by air, it must be transported in accordance with IATA standard packaging. The instructions and labeling requirements of the International Air Transport Association and related declarations must be completed.

 Not Permitted on Aircrafts	 Avoid Dropping
 To Preserve The Battery Lifespans, Please Use and Recharge at Least Once Every 3 Months	 Do Not Disassemble
 Use Original or Cerified Charger and Cables	 It's Not Waterproof, do Not Expose to Liquids
 Avoid Extreme Temperature	 Please Dispose of Batteries and Electronic Goods in Accordance with Local Regulations

■ UL Note

A photovoltaic panel as input for charging the internal battery shall be provided with an inverter and/or a charge controller in accordance with UL 1741 or UL 62109-1; The external power supply shall be a power source in accordance with the Standard UL 60950-1 and CAN/CSA C22.2 No. 60950-1, or UL 1310 and No. 1, CAN/CSA C22.2 No. 223, or No.1, CAN/CSA C22.2 No. 223; A vehicle adapter that complies with the enclosure and input contacts requirements in the Standard for Vehicle Battery Adapters, UL 2089, and Power Supplies, CAN/CSA C22.2 No. 107.1. The connector plug shall incorporate a fuse or other protective device having a current rating not greater than 15 A.

INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS

1. WARNING – When using this product, basic precautions should always be followed, including the following:

- a) Read all the instructions before using the product.
- b) To reduce the risk of injury, close supervision is necessary when the product is used near children.
- c) Do not put fingers or hands into the product.
- d) Use of an attachment not recommended or sold by power pack manufacturer may result in a risk of fire, electric shock, or injury to persons.
- e) To reduce the risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the power pack.
- f) Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- g) Do not operate the power pack with a damaged cord or plug, or a damaged output cable.
- h) Do not disassemble the power pack, take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
- i) To reduce the risk of electric shock, unplug the power pack from the outlet before attempting any instructed servicing.

j) WARNING – RISK OF EXPLOSIVE GASES.

1) To reduce the risk of battery explosion, follow these instructions and those published by the battery manufacturer and manufacturer of any equipment you intend to use in the vicinity of the battery. Review cautionary marking on these products and on engines.

k) PERSONAL PRECAUTIONS

- 1) Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.
- 2) Wear complete eye protection and clothing protection. Avoid touching eyes while working near the battery.
- 3) If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters the eye, immediately flood the eye with running cold

water for at least 10 minutes and get medical attention immediately.

4) NEVER smoke or allow a spark or flame in the vicinity of the battery or engine.

5) Be extra cautious to reduce the risk of dropping a metal tool onto the battery. It might spark or short-circuit battery or other electrical parts that may cause an explosion.

l) When charging the internal battery, work in a well-ventilated area and do not restrict ventilation in any way.

m) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

n) Do not expose a power pack to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause an explosion. The temperature of 130°C can be replaced by the temperature of 265°F.

o) Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained. SAVE THESE INSTRUCTIONS.

■ FCC Note

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 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.

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

■ Trouble Shooting

The device does not discharge:

1. Checking whether the connecting wire has been inserted in right place;
2. Checking whether the total output power exceeds the rated output power;
3. Checking whether the temperature of the equipment is too high.

The device can not be charged:

1. Confirm that the wall plug power adapter's cord is inserted fully into the DC Input.
2. Confirm that the AC wall plug power adapter is the charger provided with MP200. If the input does not comply with the requirements located in the GENERAL SPECIFICATIONS section, the Low Watt range 0% to 10% may be displayed on.
3. If the device cannot be charged immediately after it is discharged, please wait for an hour and try again, it may enter the over-temperature protection.

■ Maintenance and Warranty

- Check as needed. If the MP200 energy storage power supply cannot be used regularly, please charge and discharge it every 3 months under normal temperature to keep the service life.
- Regularly check all ports and wall chargers for any debris, dirt, damage, and corrosion.
- Regularly observe the side vents for dust and foreign matter, and clean them according to the cleaning procedures specified in the manual.
- Do not disassemble the device privately.
- Do not cover the equipment with towels, clothes or other items.

■ Disposal/Recycle



Do not put the device and its accessories in the trash can. Items must be properly handled in accordance with local laws and regulations.



For additional information, please see www.epa.gov.

■ Statement

Copyright We. All rights reserved. All trademarks cited herein are the property of their respective owners.

■ 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 applicable warranty period identified in the "Warranty Period" section below, subject to the exclusion set forth below. This warranty statement sets forth ours total and exclusive warranty obligation. We will not assume, not 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 establish the start date of the warranty period.

■ Remedy

We will repair or replace any our products 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, we at its option, will either replace the product. 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 ours product is limited to the original consumer purchaser and to any subsequent owner.

■ 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 applicable warranty period identified in the "Warranty Period" section below, subject to the exclusion set forth below. This warranty statement sets forth ours total and exclusive warranty obligation. We will not assume, not authorize any person to assume for us, any other liability in connection with the sale of our products.

■ Service

To obtain warranty service, contact our customer service team.