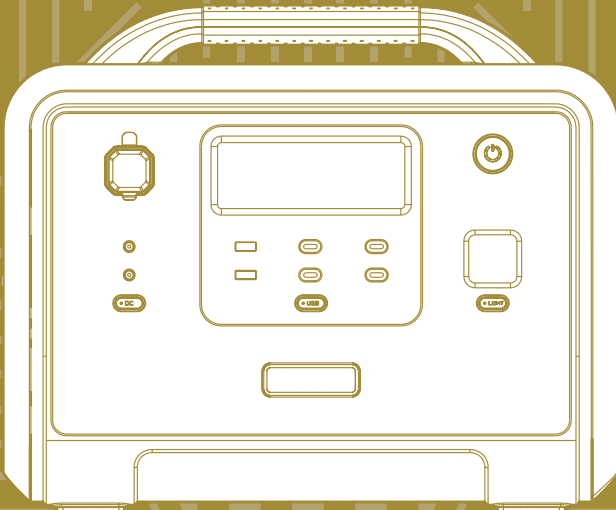




HALO[®]

POWER STATION 1200



Operating Instructions

PLEASE READ BEFORE OPERATING THIS EQUIPMENT

**FOR ALL QUESTIONS ABOUT THE WARRANTY
OR EXCHANGE REQUESTS, CONTACT US.**

1-800-255-6061

THANK YOU

We appreciate your business and would like to thank you for choosing HALO!

Your safety is important to us.

Please read the instructions carefully and utilize the proper precautions before operating this equipment.

IMPORTANT

Before using your power station for the first time, fully charge it to ensure the best performance.

WARNING

Please read the following instructions for safety before use. Improper use may result in fire, property damage or personal injury or death. DO NOT use the product with incompatible components or alter the product in any way.

WARNING

Improper use may result in fire, property damage, or personal injury. Make sure to use the product according to the following safety rules and guidelines.

WARNING


Do not expose the product to any liquid or submerge in water. If the battery comes into contact with water, it may cause chemical decomposition of the battery. This may cause the battery to catch fire or explode.


SAFETY INSTRUCTIONS

Read the following instructions to ensure safe usage:

 **DANGER**
Noncompliance may very likely lead to serious injury* or death.

- DO NOT disassemble, repair or modify the unit or the battery.
- 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. Only use the output socket to power external devices.
- Never connect the output to mains power under any circumstances.
- DO NOT touch the unit or the plug in points if your hands are wet.
- DO NOT connect any metallic objects to the AC input or output.
- DO NOT rub your eyes if fluid from inside the unit should get in your eyes.
- DO NOT dispose the unit together with household waste.
- DO NOT use any inappropriate power cords.
- DO NOT operate the unit above the specified input voltage.
- DO NOT use the unit if it is not functioning correct.
- DO NOT move the unit if it is recharging or in use.

-  **WARNING**
Noncompliance may lead to serious injury** or death.
- Use and store the unit only in a clean and dry environment. Do not use and store in dusty and wet environment.
 - Check the unit prior to every use. Do not use the unit if it is damaged, broken.
 - DO NOT use the unit if the power cord is damaged or broken. Keep the unit away from children.
 - DO NOT let children use the power supply unit. Keep this product away from pets.
 - DO NOT use or store the unit in an area or environment with high temperature.
 - Should fluid from inside of the unit come in contact with your skin or clothing, wash the affected areas with tap water. In a storm, unplug the power cord from the socket.
 - DO NOT charge the device through a power system other than the rated voltage.
 - DO NOT place the unit on its side or upside down while in use or storage.
 - DO NOT use accessories for other usage.

-  **CAUTION**
Noncompliance may lead to injuries and/or property damage**
- If rust peculiar odors, overheating or other abnormal circumstances are observed, stop using the unit immediately and contact the dealer or our customer service center.
 - The unit complies with all legal requirements for transport of dangerous goods.
 - Make sure that the unit is properly secured when transporting it in a motor vehicle.
 - Only charge, use and store the unit within an ambient temperature of 0 to 40°C (32 - 104 °F).
 - Switch the unit off immediately if it has accidentally fallen, was dropped or was exposed to vibrations.
 - Once the unit is fully charged, unplug the AC charging cable. We is not liable for any damage caused by using different brand charging cables.
 - Use of different cables will void the products warranty and may cause damage or serious bodily injury.

Carefully read the instructions for the electric devices that you intend to connect to your power.

Battery Maintenance:

When not used, the HALO Power Station 1200 should be stored in a cool, dry place. However, we recommend every 3 months to recharge for 2 hours. During this maintenance, the fans may turn on and the unit may get warm. This behavior is normal. If this occurs, leave the unit plugged in until fan activity stops. This charge cycle will help prolong battery life and maintain peak performance.

PRODUCT INTRODUCTION

Whether you're a modern nomad taking your RV to new horizons, or a homeowner seeking reassurance during unexpected outages, the HALO Power Station 1200 is your answer to staying charged and connected. A fusion of power, portability, and versatility, this power station promises to empower your experiences and keep you charged at home, in the backyard and even the backcountry.

DEVICE COMPATIBILITY

The power requirements, run times and recharge figures below are estimates and are provided for reference purposes only. Actual results may vary by device.



Laptops (41.4Wh)
Around
20 Recharges



32" TV (60W)
Around
20 hours



CPAP without heated humidifier (15W)
22 hours



Camera (5.9Wh)
Around
177 Recharges



Floodlight (5W)
Around
200 hours



Mid-Size Fridge (40W)
Around
20 hours



Drone (89.2Wh)
Around
11 Recharges



Smartphone (10Wh)
Around
104 Recharges



Game Console (16Wh)
Around
65 Recharges

+MORE

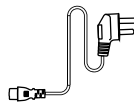
PACKING LIST



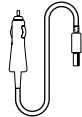
Halo Power Station 1200



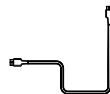
User Manual



AC Charging Cable



DC 12V to Anderson Cable

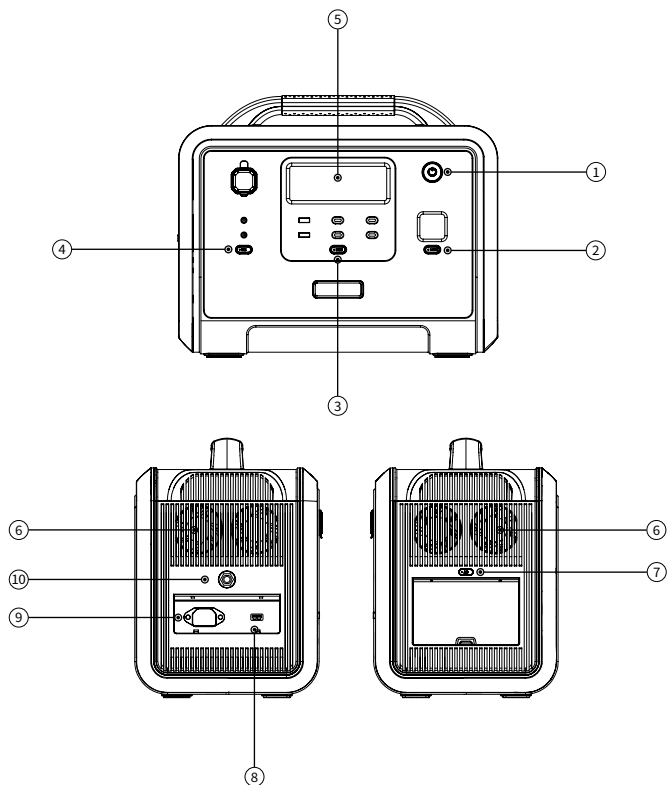


Anderson to Anderson Cable

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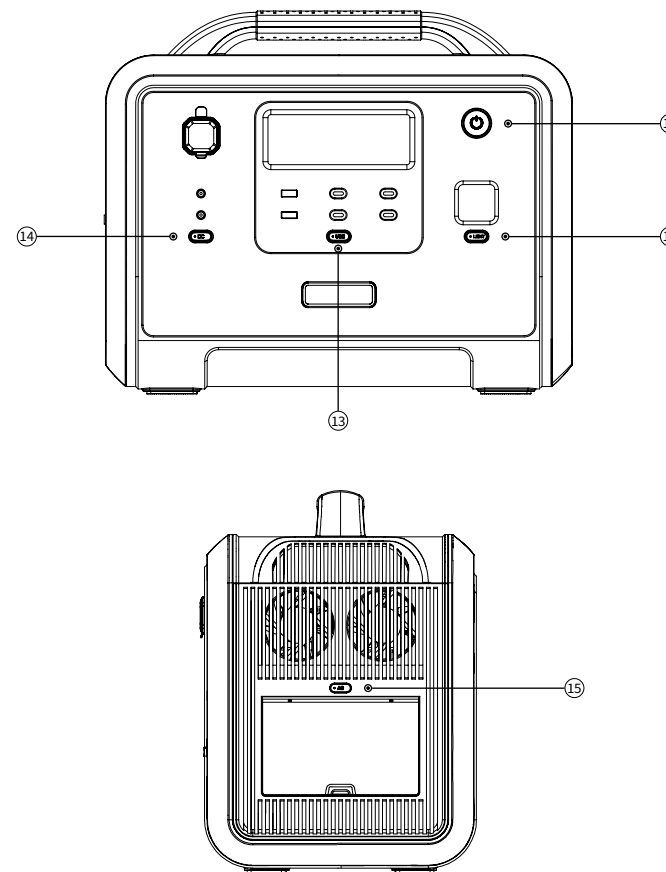
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PRODUCT FUNCTION DESCRIPTION



- | | |
|----------------------------|-------------------------------------|
| 1. Power On/Off Button | 6. Air Vents |
| 2. LED Light On/Off Button | 7. AC Switch |
| 3. USB On/Off Button | 8. Solar Input Port |
| 4. DC On/Off Button | 9. AC Input |
| 5. LCD Display | 10. Overload Protection (OLP) Reset |

BUTTON INDICATOR



Button ⑪ Power ON/OFF

Press and hold to turn the unit on. Press and hold to turn the unit off.

Button ⑫ LED Light

Turn on the unit first. Press the button to turn on the LED light. Press again to cycle the LED light mode in this order; Floodlight, SOS, Strobe, Off.

Button ⑬ USB Output

Turn on the unit first. Press the button to turn the USB-A and USB-C output on. Press again to turn off.

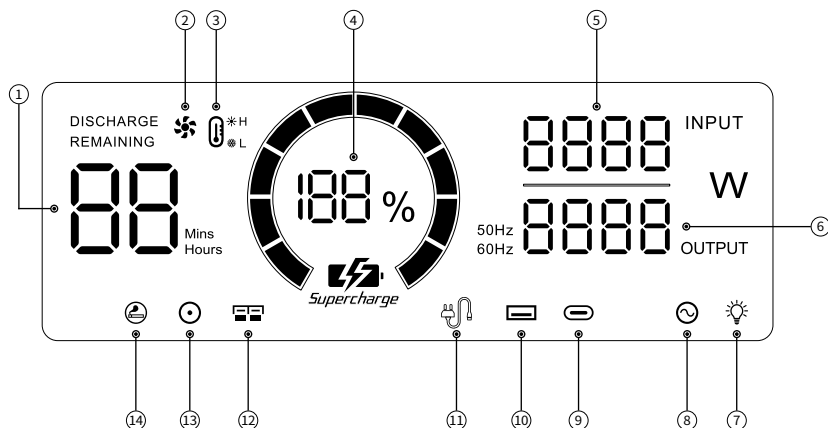
Button ⑭ DC Output

Turn on the unit first. Press the button to turn the DC 12V output on. Press again to turn off.

Switch ⑮ AC Output

Turn on the unit first. Press the button to turn the AC output on. Press again to turn off.

LCD DISPLAY



- ① **Charge/Discharge Time Remaining:** Estimated time to fully charge and discharge the internal battery.
- ② **Cooling Fan Status:** Cooling fan is on when the fan icon is displayed.
- ③ **High/Low Temperature Warning:** When this icon illuminates, the internal temperature has reached its high or low temperature limit, the unit will shut off automatically.
- ④ **Battery Level Indicator:** Shows the battery charged level.
- ⑤ **Input Power:** Shows the total input power.
- ⑥ **Output Power:** Shows the total output power.
- ⑦ **LED Light:** When this icon illuminates, the LED light is on.
- ⑧ **AC Output:** This icon is on indicates the AC output is enabled.
- ⑨ **USB-C Output:** This icon is on indicates the USB-C output is enabled.
- ⑩ **USB-A Output:** This icon is on indicates the USB-A output is enabled.
- ⑪ **AC Input:** During AC charging, this icon will display on the LCD screen.
- ⑫ **Solar Input:** This icon is on indicates Solar input is enabled.
- ⑬ **DC Output:** This icon indicates DC 12V socket is enabled.
- ⑭ **Car Output:** This icon indicates the cigarette lighter (12V) socket is enabled.

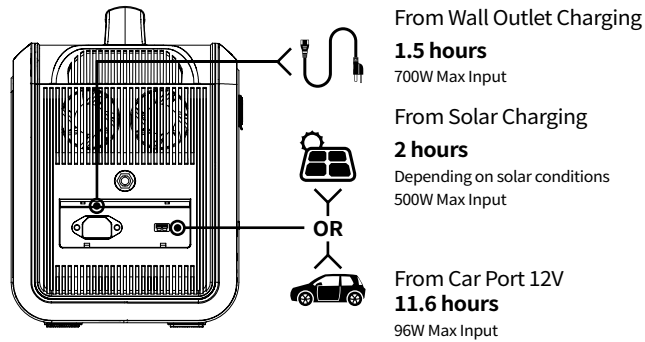
⚠ Note: This value displays the real-time power consumption, it changes accordingly when change in power consumption of the devices connected.

TROUBLESHOOTING

Issue	Cause	Solutions
<p>The above output icon flashes and beeps.</p>	The output exceeds the standard and it's short-circuited.	Remove the load, then press the switch in the area corresponding to the icon.
<p>The temperature warning icon flashes and beeps.</p>	The temperature of the product is too high or too low.	Take the product out of the charging state and remove all loads. Turn the power off and wait for the device to reach a suitable working temperature.
<p>The icon for connecting the AC main flashes and the product can't be charged.</p>	The charging cable is poorly connected.	The overload protection function is enabled.

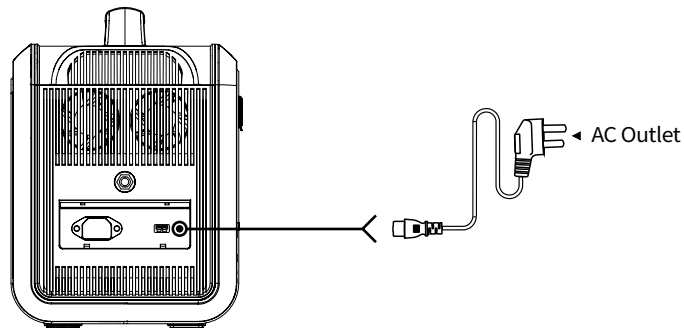
CHARGING FUNCTION DESCRIPTION

Re-Charging Methods



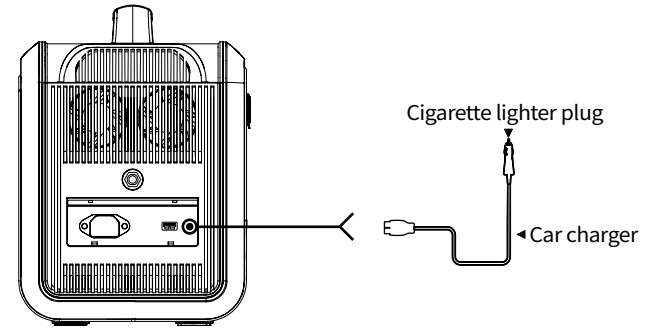
AC charging

Use the AC charging cable we provided to charge the device. It takes 1.8-2.8 hours to full capacity. When battery level reached 100% and input power is 0, this means the internal battery has been fully charged, the screen will turn off.



12V car charger

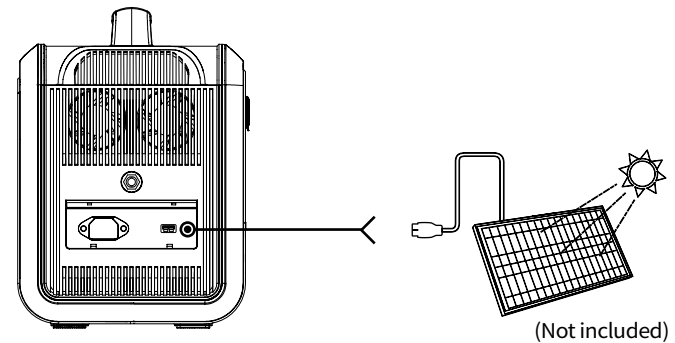
Use the car charger we provided to charge. It takes 12 hours to fully charge. When the LCD shows that the battery power is 100%, it means that the battery is fully charged.



⚠ Caution: Do not charge the product with solar and car port at the same time!

Solar panel charging

The total open circuit voltage of solar modules after series-parallel connection should not exceed the specified voltage!



OPERATING INSTRUCTIONS

Re-charging

Use the original AC cable to charge, the full charge time is about 1.5 hours. When charging, the LCD screen will be lit, the LCD display will provide real-time display data of battery charging, and the device will display 100% when it is fully charged. It is recommended to fully charge the device every 3 months to maintain the life of the device.

Output Ports

While the power station is powered on, press the power button for the corresponding ports to enable the output(s), an icon will also be lit on the display.

Overload Condition

When the power supply current is unstable due to lightning or other reasons, and there is a large current at the AC input, the overload protection function will activate and cut off the AC input port.

Follow the below steps to restore the AC input function:

1. Turn off the power button and unplug all ports.
2. After confirming there are no abnormalities, turn on the power button.
3. Press the overload protection button and connect the AC cable.

Power On/Off

Long press the power ON/OFF button for 2-3 seconds to turn the power station on or off. The power station must be powered on before enabling output ports.

AC Output Frequency

The device can intelligently identify the grid frequency when charging via wall outlet, it will automatically set the AC output frequency to match the wall outlet. Please charge the power station before using the first time.

Cooling fan


The equipment is designed with internal fans to ensure that the product runs within the proper temperature range. When the device is working hard, it will automatically turn on the fan. During discharging and charging, the fan may run intermittently to keep the internal temperature within the operating range. When the AC circuit is activated, the fan is likely to start to ensure normal operation.

Equipment 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. Remove all any foreign objects, dirt or other obstructions on the vents on both sides. While cleaning foreign objects in the side vents, do not allow debris, dirt or other blockage to 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 it away from direct sunlight.

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. Check the vents on the intake and exhaust sides to make sure they are free of foreign objects.









Dynamic Voltage Adjustment

Dynamic Voltage Adjustment (DVA) technology allows your power station to perform beyond its standard 1200-watt level rating so it can run power tools and appliances with heating elements up to 2000-watts.

UPS Mode

While in Uninterruptible Power Supply mode (UPS), if the maximum power output of the AC port exceeds the ports max wattage of 1100W, the AC input icon will flash indicating a power overload. The power station will adjust how it provides power to the device in order to prevent an interruption in supplying power.

TRANSPORT INSTRUCTIONS FOR DANGEROUS GOODS

 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 an original or certified charger or cable	 It's not waterproof, do not expose to liquids
 Avoid extreme temperature	 Please dispose of batteries and electronic goods in accordance with local regulations

⚠ The HALO Power Station 1200 meets all legal requirements for the transportation of dangerous goods. The capacity of the lithium battery pack exceeds 100Wh. According to international standards, 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.

TROUBLE SHOOTING

Not able to turn on output ports

- 1 Check whether the connecting cable has been inserted in the right place.
- 2 Check whether the total output power exceeds the rated output power.
- 3 Check whether the temperature of the equipment outside of its operating range.

The power station is not charging

- 1 Confirm that the AC socket on the wall and the AC charging cable are fully inserted into the AC input terminal.
- 2 The device cannot be charged immediately after it is discharged. Please put it aside for an hour and try again, because it may enter the over-temperature protection.

PRODUCT MAINTENANCE

Maintenance

Check as needed. If the HALO Power Station 1200 is not being 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.

Do not disassemble the device.

Do not cover the equipment with towels, clothes or other items. Regularly observe the side vents for dust and foreign matter, and clean them according to the cleaning procedures specified in the manual.

Disposal/recycling

 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.

Affirm

Copyrighted equipment. We all rights reserved. All trademarks cited here are the property of their respective owners. The information contained in this agreement is subject to change without notice. The we is not responsible for technical or editorial errors or omissions contained in this agreement. First Edition: January 2023

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.

The device has been evaluated to meet general RF exposu rerequirement.

The device can be used in portable exposure condition without restriction.

TECHNICAL SPECIFICATIONS

INPUT

AC	1x AC 85V-135V, 10A 60Hz (700W Max)
DC	1x Anderson Port 11.5-50V, 20A (500W Max)

OUTPUT

AC	4x AC Ports 110V 60Hz, 1200W Rated
DC	2x DC5521 Ports 12V/3A (72W Max) 1x CLA/Car Port 12V/10A (120W Max)
USB	2x USB-A 5V 2.4A 12W (24W Max) 3x USB-C, Power Delivery (PD) 20W (60W Max) 1x USB-C, Power Delivery (PD) 100W (100W Max)
LED	1x Floodlight (1W Max)

BATTERY

Chemistry	Lithium Iron Phosphate (LFP)
Energy	960Wh, 48V
Capacity	20000mAh

INVERTER

Type	Pure Sine Wave
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UNINTERRUPTIBLE POWER SUPPLY (UPS)

Switching Time	<10 milliseconds (ms)
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PRODUCT

Dimensions	15.2 x 12.5 x 8.9 inches (38.61 x 31.75 x 22.61 cm)
Weight	27.6 lb (12.52 kg)

LIMITED WARRANTY

At HALO, we are dedicated to making the best quality products. To back this up, this product is warranted. HALO warrants its products to be free from defects in material and workmanship under normal use. During the first 90 days from date of purchase, HALO will repair or replace the defective product. This warranty does not affect any statutory rights that you may be entitled to. Keep a copy of your purchase receipt as proof of purchase.

**FOR ALL QUESTIONS ABOUT THE WARRANTY
OR EXCHANGE REQUESTS, CONTACT US.**

1-800-255-6061



HALO™



PRODUCT REGISTRATION

www.HALOPOWER.com