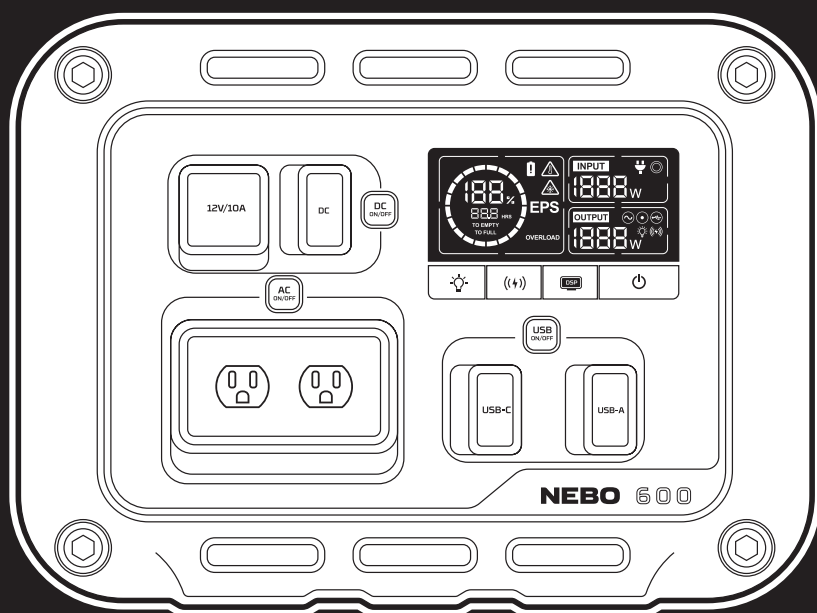


NEBO[®]

INTREPID[®] 600 POWER STATION



USER MANUAL

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SAFETY INSTRUCTIONS

**FOR ALL QUESTIONS RELATED TO SAFETY, WARRANTY
OR EXCHANGE REQUESTS, PLEASE CONTACT US.**

1-800-255-6061

YOUR SAFETY IS IMPORTANT TO US.

Please read instructions carefully and utilize the proper precautions before operating this equipment. Save instructions for future reference.

- When used correctly, lithium-ion rechargeable batteries provide a safe and dependable source of portable power. However, if they are misused or abused, this may result in leakage, burns, fire, or explosion, causing personal injury or damage to other devices.
- Misusing or incorrectly connecting your power station may cause electric shock to users and damage equipment.
- Keep your power station dry and away from moisture, water, and corrosive materials.
- Do not expose your power station to moisture, water, rain, or snow.
- Keep your power station away from heat sources, including open flames, radiators, stoves, ovens, and any other devices that produce heat.
- Do not expose to fire or excessive temperature. Do not expose to heat above 212°F (100°C) or incinerate.
- In the unlikely event of leakage or explosion use sand or a chemical fire extinguisher.
- Your power station may become warm under extended high power operation. Do not cover, wrap, or otherwise restrict air flow around the power station during operation.
- Do not disassemble your power station. There are no user-serviceable parts inside. Incorrect reassembly may result in shock or fire hazard.
- Do not drop or subject to strong impacts. Do not operate your power station if it has received a sharp blow, or has otherwise been damaged in any way.
- Do not puncture, crush, or subject to mechanical shock.
- Keep away from children and pets. The power station, along with its accessories are not toys.
- Make sure the power station's charging ports do not become contaminated with lint or other debris. Use a canned-air type of product periodically to ensure that the port openings are clear.



**IF THE PRODUCT OVERHEATS, BECOMES SWOLLEN, OR
IS DEFORMED IN ANY WAY, IMMEDIATELY STOP USING
AND CONTACT CUSTOMER SERVICE.**



WARNING
Cancer and Reproductive Harm
www.P65Warnings.ca.gov

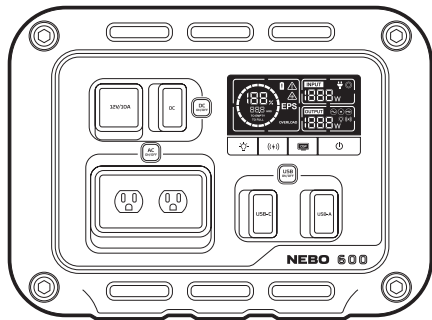
**CONFORMS TO
UL2743**



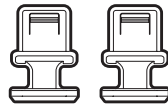
INTRODUCTION

Whether you're a modern nomad taking your RV to new horizons, or a homeowner seeking reassurance during unexpected outages, the **NEBO Intrepid® 600** 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.

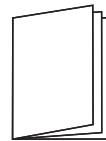
IN THE BOX



NEBO Intrepid 600



Cable Management Clips



User Manual



120V AC Charging Cable



12V DC Car Charging Cable



DC5525 to HPP Charging Cable

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.



Laptop
52.6Wh
~9 Recharges



Smartphone
20Wh
~23 Recharges



32" TV
49W
~10 Hours



Camera
6.8Wh
~69 Recharges



Drone
77Wh
~6 Recharges



Mid-Size Fridge
265 kWh per year
~16 Hours



Floodlight
5W
~94 Hours



CPAP
60W
~8 Hours



String Lights
50W
~9 Hours



Pellet Smoker
75W
~6 Hours

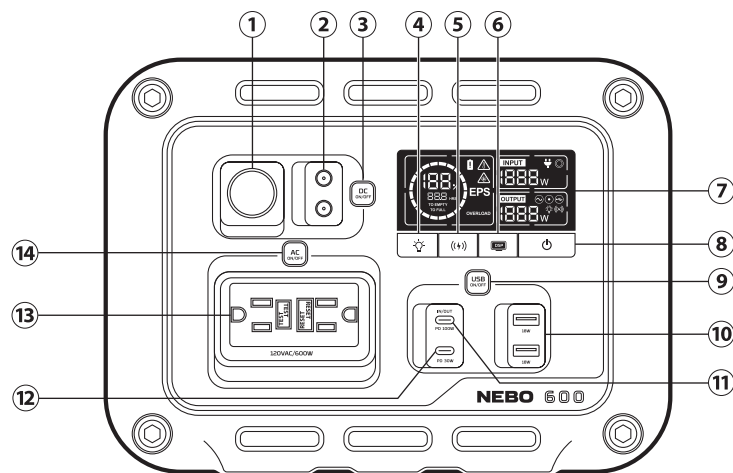


Game Console
205W
~2 Hours

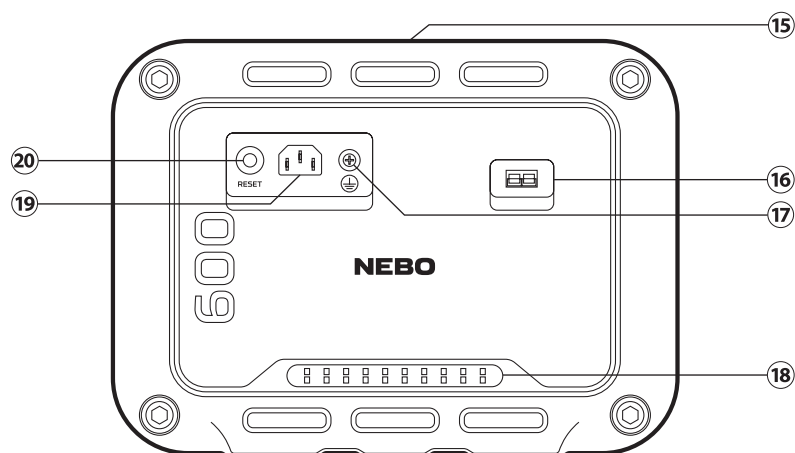


Modem
48W
~10 Hours

PRODUCT OVERVIEW

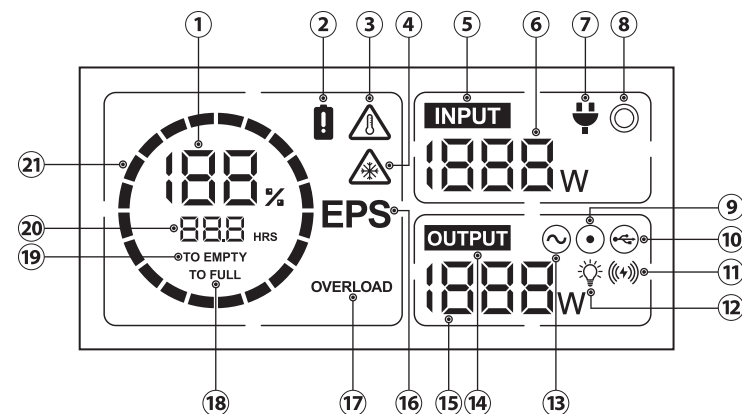


- | | | |
|-----------------------------|----------------------------------|-----------------------------|
| 1. 12V Car Output Port | 6. Digital Display On/Off Button | 11. USB-C Input/Output Port |
| 2. 12V DC 5525 Output Ports | 7. Digital Display | 12. USB-C Output Port |
| 3. DC On/Off Button | 8. Power On/Off Button | 13. AC Output Ports |
| 4. Floodlight On/Off Button | 9. USB On/Off Button | 14. AC On/Off Button |
| 5. Wireless On/Off Button | 10. USB-A Output Ports | |



- | | |
|--------------------------------------|-------------------------------------|
| 15. Wireless Output (top panel) | 19. AC Input Port |
| 16. High Power Port (HPP) Input Port | 20. Overload Protection (OLP) Reset |
| 17. Ground Terminal | |
| 18. Floodlight | |

DIGITAL DISPLAY



1. **Battery Percentage:** Displays the charge percentage of the power station's battery.
2. **Battery Error Icon:** This icon is displayed when a battery pack error is detected.
3. **Over Temperature Protection Icon:** Displays when the temperature is beyond the battery operating temperature specification threshold.
4. **Under Temperature Protection Icon:** Displays when the temperature is below the battery operating temperature specification threshold.
5. **Input Icon:** The "INPUT" icon lights up when the main power button is turned on.
6. **Input Power Display:** The charging power is displayed when the unit is charging.
7. **AC Input Icon:** This icon is displayed when the unit is being charged using the AC input.
8. **DC Input Icon:** This icon is displayed when the unit is being charged using the DC/PV input.
9. **DC Output Icon:** Displays when the DC output function is active.
10. **USB Output Icon:** Displays when the USB output function is active.
11. **Wireless Output Icon:** Displays when the wireless output function is active.
12. **Floodlight Active Icon:** Displays when the floodlight function is active.
13. **AC Output Icon:** Displays when the AC output function is active.
14. **Output Icon:** The "OUTPUT" icon lights up when the main power button is turned on.
15. **Output Power Display:** Displays the total output power.
16. **Emergency Power Supply Icon:** When the device is in AC charging mode and the AC output is turned on, EPS mode will begin automatically and the EPS icon will illuminate.
17. **Overload Icon:** Displays when an overload is detected.
18. **Charge Time Display Icon:** The estimated charge time is displayed, when this icon is illuminated.
19. **Discharge Time Display Icon:** The estimated discharge time is displayed, when this icon is illuminated.
20. **Time Display:** Display the estimated usage time for charge or discharge of the units battery.
21. **Battery Level Indicators:** Displays the power station's battery charge level. Each bar represents 5% of charge.

CHARGING YOUR POWER STATION

CHARGING

Before using your Intrepid 600 for the first time, fully charge it using the AC cable. The full charge time is less than 2 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 fully charged. It is recommended to fully charge the device every 3 months to maintain the life of the device.

There are three ways to charge your power station:



AC Charging (wall outlet)
550W Max Input



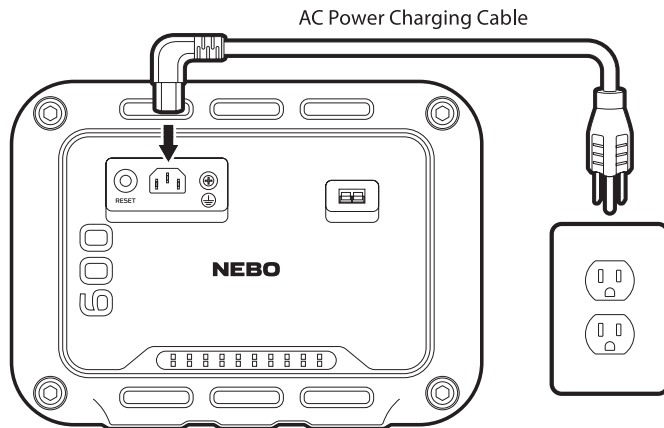
12V Car Charger
200W Max Input



Solar Charging
200W Max Input

AC CHARGING

Use the AC charging cable provided to charge the device. It takes less than 2 hours to charge from 5% to full capacity. When battery level reaches 100% and input power is 0, this means the internal battery has been fully charged, the screen will turn off.



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.

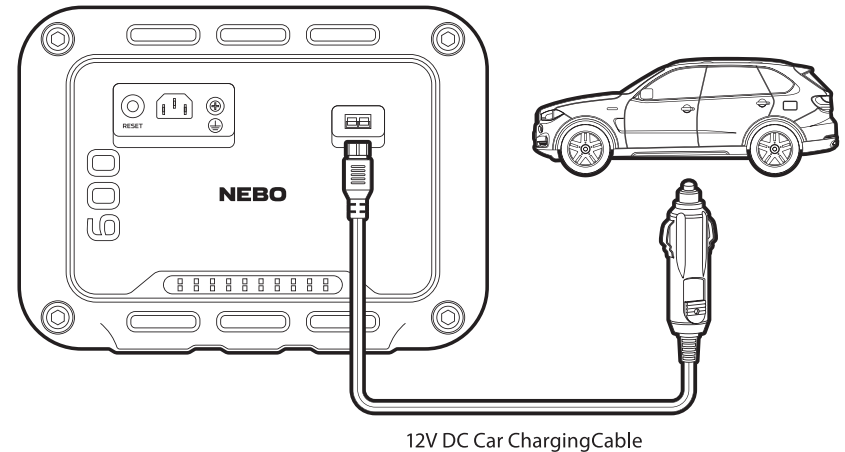
Follow the below steps to restore the AC input function:

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

CHARGING YOUR POWER STATION

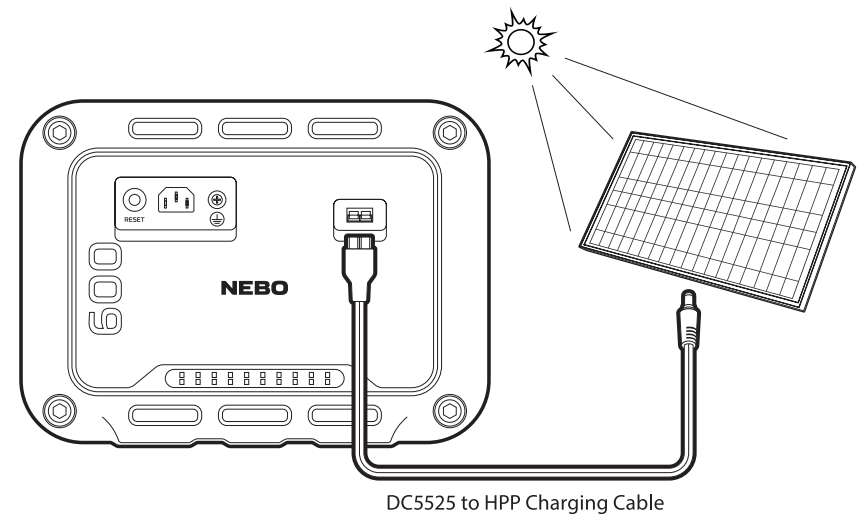
12V CAR CHARGER

Use the included 12V DC car charging cable to charge the device. It takes up to 6 hours to fully charge. When the LCD display shows that the battery power is 100%, it means that the battery is fully charged.



SOLAR CHARGING

Connect the DC5525 to HPP charging cable (included) to your solar panel, then into the HPP input port. Position your solar panel to receive direct sunlight. The DC icon will appear on the Power Station display along with the current input watts and estimated recharge time. When the charge percentage reaches 100%, your power station is fully charged.



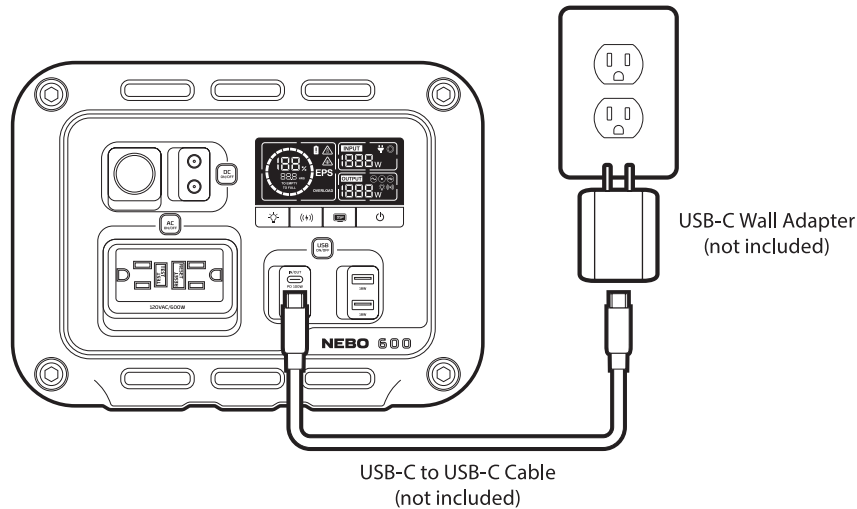
CAUTION: Do not connect power sources with different voltages to the HPP port in parallel as OVERLOAD IS POSSIBLE AND CAN CAUSE DAMAGE TO EQUIPMENT. Ensure the voltage at the HPP port does not exceed 65V.

CHARGING YOUR POWER STATION

USB-C CHARGING

Plug a USB-C to USB-C cable (not included) into the USB-C bi-directional port. Connect the USB-C cable into a USB-C wall adapter (not included). Plug the USB-C wall adapter into a wall outlet. Charging will begin automatically and the digital display will display the current battery level.

The speed at which the device will charge is based on the rating of your wall adapter.



POWERING YOUR DEVICES

1 POWER UP THE INTREPID

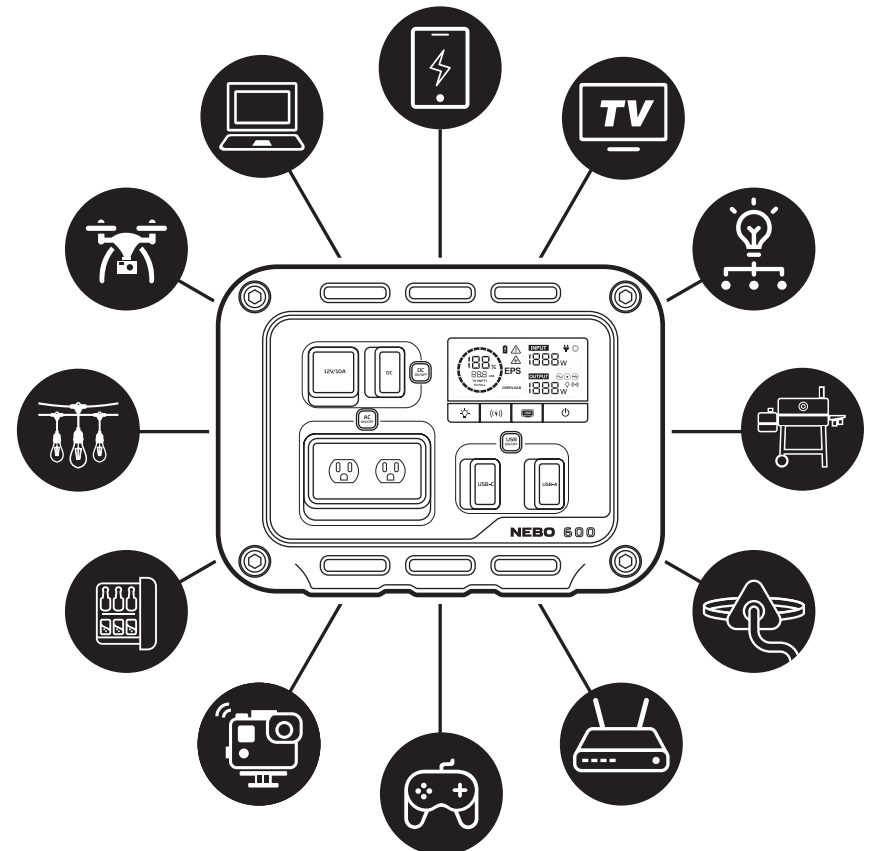
Press the Power button for 2-3 seconds to turn the Intrepid on or off. Your devices will not charge if you skip this step.

2 PLUG IN YOUR DEVICE

Plug the device you wish to power/charge into the appropriate port. You can charge up to 10 devices at once using the various ports.

3 TURN ON THE PORT

Press the ON/OFF button corresponding to the port you're using. For example, if you're charging a device from one or more of the 4 USB ports, press the **USB ON/OFF** button to activate the ports.

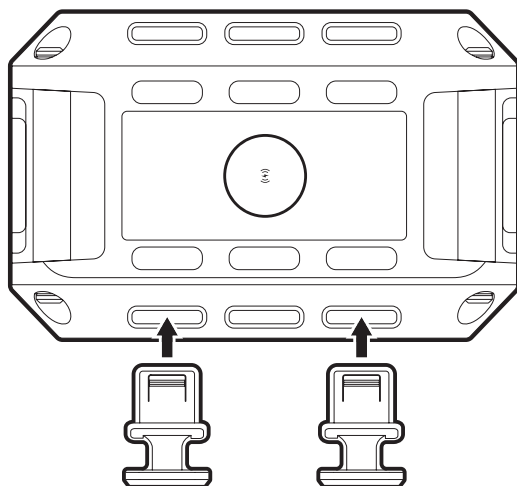


CABLE STORAGE

CABLE MANAGEMENT CLIPS:

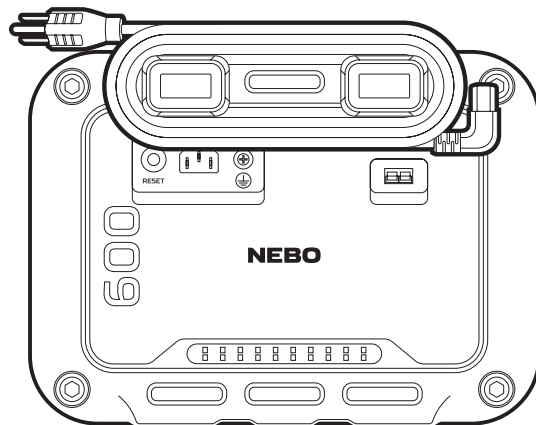
Press the cable management clips into the slots at the top of the chassis horizontally.

TOP VIEW



Then gently wrap power cables around the cord holder.

REAR VIEW



ADDITIONAL FEATURES

BUILT-IN SAFETY

A 1200W surge rating covers device startup spikes without overloading and built-in GFCI shock protection prevents damage to your devices and risk to yourself during unexpected power fluctuations and ground faults, so you can power with confidence.

SWIFT CHARGE™

One of the quickest recharging rates on the market, the NEBO Intrepid 600 can recharge from 0% to 100% in under 2 hours.

EMERGENCY POWER SUPPLY (EPS)

EPS mode ensures uninterrupted power supply during power outages or fluctuations by automatically switching to battery power. This protects connected devices from power loss and maintains continuous operation of connected devices.

PURE SINE WAVE INVERTER

The integrated inverter provides 600W of smooth and efficient power that is safe for sensitive devices like medical equipment but powerful enough for larger appliances and tools.

MAINTENANCE AND STORAGE

EQUIPMENT CLEANING

- Make sure the device is unplugged and no devices are connected.
- Wipe with a clean, dry cloth.
- Do not use corrosive cleaners or solvents.
- Blow out debris from ports with compressed air.
- Remove any foreign objects, dirt or other obstructions from the vents on both sides. Do not allow debris, dirt or other blockage to enter the equipment.



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

STORAGE

- When not in use, store the Intrepid 600 in a cool, dry place.
- Do not store in 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.
- Do not cover the equipment with towels, clothes or other items.
- Regularly check the side vents for dust and foreign matter, and clean them according to the cleaning procedures specified in the manual.
- 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.

BATTERY MAINTENANCE:

- To get the maximum life out of your battery, we recommend that every 3 months you charge the Intrepid for 2 hours. During charging, the fans may turn on and the unit may get warm. This is normal. Leave the unit plugged in until the fan stops.

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.

TRANSPORT OF DANGEROUS GOODS






The **NEBO Intrepid 600** 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.

TECHNICAL SPECIFICATIONS

INPUT	
AC	1x AC 120V, 60Hz, 500W
DC	1x High Power Port (HPP) Port 11.5-60V, 10A (200W Max)
USB-C	1x USB-C, Power Delivery (PD) 100W
OUTPUT	
AC	2x AC Ports 120V, 60Hz, 600W Rated (1200W Surge)
DC	2x DC5525 Ports 13.5V/8A (108W Max)
	1x CLA/Car Port 13.5V/10A (135W Max)
USB	2x USB-A, Quick Charge (QC) 18W
	1x USB-C, Power Delivery (PD) 100W
	1x USB-C, Power Delivery (PD) 30W
Wireless	1x Charging Pad (10W Max)
LCD	1x Floodlight (3W Max)
BATTERY	
Chemistry	Lithium Iron Phosphate (LFP)
Energy	588.8Wh, 25.6V
Capacity	23000mAh
INVERTER	
Type	Pure Sine Wave
EMERGENCY POWER SUPPLY (EPS)	
Switching Time	<20 milliseconds (ms)
OPERATING TEMPERATURE	
Charge	32°-104°F (0°-40°C)
Discharge	14°-104°F (-10°-40°C)
Storage	4°-95°F (-20°-35°C)
PRODUCT	
Dimensions	12.2 x 7.9 x 8.9 inches (31.0 x 20.0 x 22.5 cm)
Weight	18.3 lb (8.3 kg)

TROUBLESHOOTING

ISSUE	CAUSE	SOLUTION
 The unit can't be charged. The AC input icon is flashing.	The AC input voltage is out of range.	Check the voltage and make sure it is within the specified range.
 The unit can't be charged. The DC input icon is flashing.	The DC input voltage is out of range.	Check the voltage and make sure it is within the specified range.
 The red or blue temperature warning icon is displayed.	Power Station has detected a high temperature or low temperature condition.	Remove all loads and remove all charging cables, then power off the unit and wait until it reaches the working temperature range.
OVERLOAD The unit does not have AC or DC output and the overload icon is displayed.	Power Station has detected an overload condition at the AC or DC output ports.	Disconnect the load, then press the ON/OFF button that corresponds to the function to re-active the output.
The unit does not have USB output.	Power Station has detected an overload at the USB output ports.	Disconnect any devices. The USB outputs will recover automatically.
 The unit can not be charged or discharged, the screen displays a battery error icon.	A battery pack error is detected.	Contact customer support.
 The wireless output is not functional and the wireless icon is flashing.	The DC input voltage is out of range.	Check the voltage and make sure it is within the specified range.
The unit's battery level indicator is less than 10%.	The battery level is low.	Recharge the unit.

TROUBLESHOOTING

OUTPUT PORTS WILL NOT TURN ON

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.

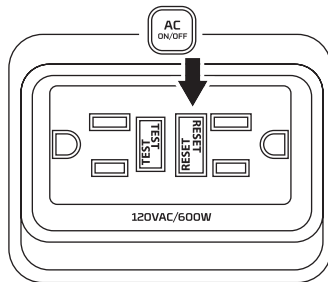
THE POWER STATION IS NOT CHARGING

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 mode.

RESETTING THE GFCI OUTLET

The GFCI outlet may have tripped due to an electrical load that exceeded the outlets capacity.

1. Power down any appliance or device before unplugging it from the GFCI outlet.
2. Press the RESET button on the GFCI outlet. Listen for a click.
3. Plug in an appliance or device to ensure the outlet is working.



FCC NOTE

COMPLIANCE WITH FCC REGULATION

This device complies with part 15 of the FCC Rules and RSS-Gen of IC 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.

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

CAUTION: To comply with the limits of the Class B digital device, pursuant to Part 15 of the FCC Rules, this device must be used with certified peripherals and shielded cables. All peripherals must be shielded and grounded. Operation with non-certified peripherals or non-shielded cables may result in interference to radio or reception.

FCC RF EXPOSURE STATEMENT

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

IC RF EXPOSURE STATEMENT

This equipment meets the exemption from the routine evaluation limits in section 4.5 of RSS-102. It should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

IC WARNING

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

PRODUCT REGISTRATION

Scan the QR code below to register your product.
For product information and videos, visit **WWW.NEBOPOWER.COM**



PRODUCT REGISTRATION

ACTIVATE YOUR WARRANTY TODAY

Your NEBO power station has a two year warranty from the date of purchase.
By registering your warranty, you will help protect your investment and save a
record of your purchase with our customer service team.

NEBO[®]
POWER POSSIBILITIES[®]

WWW.NEBOPOWER.COM