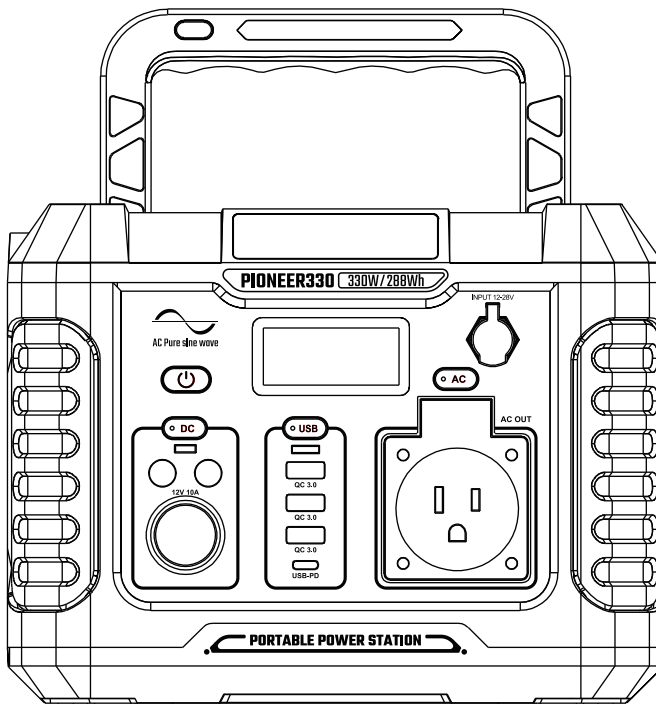


BALOR

PIONEER 330 Power Station

USER MANUAL



Empower Your Life, Empower Your World

IMPORTANT SAFETY INFORMATION

To ensure safe operation and service of the meter, read and understand all instructions. Failure to follow all instructions may result in severe injury or property damage. The loss caused by wrong use of PIONEER 330 is not covered by our Warranty.

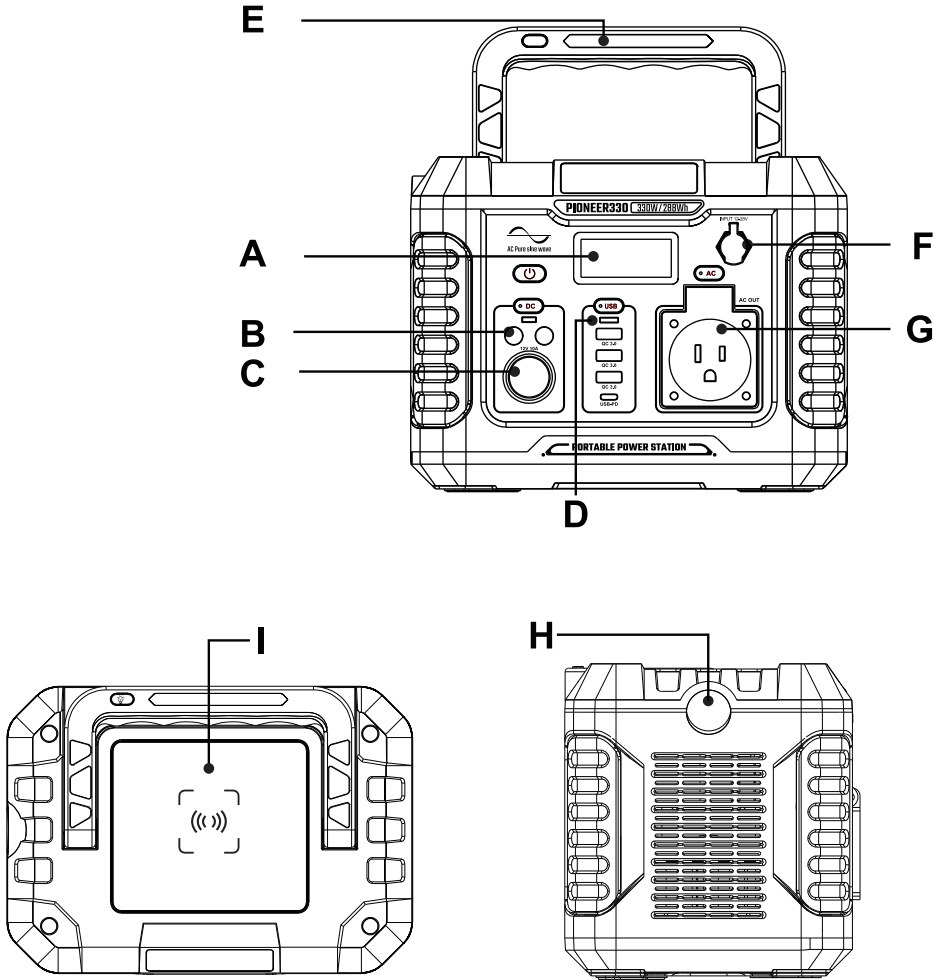
CHARGE NOW

Please FULLY charge PIONEER 330 as soon as possible when delivered. Due to the longtime of transportation and storage, Batteries of PIONEER 330 may go to sleep mode. Plug your PIONEER 330 into the wall over 10 minutes will active the batteries again. If charging doesn't work, please ask our customer service support@togopower.com for help.

Notice:

Note that when turning on the AC Button but not use the outlets, there may be some watts of AC outputs shown in the LCD. That' s a normal display caused by the no-load discharge. It is recommended that turning off the output button(s) when not in use.

FEATURE DETAILS



A: LCD Screen Display

B: DC Outputs

C: Cigarette Lighter Output

D: USB-A & USB-C Outputs

E: LED Lighting

F: DC Input

G: AC Outlet

H: Flashlight

I: Wireless Charger

FUNCTION BUTTONS

A: POWER ON/OFF

POWER ON/OFF BUTTON is the master switch. Press POWER ON/OFF BUTTON to activate the DC/USB/AC BUTTONS.

Press POWER ON/OFF BUTTON to shut down the output(s) when not in use.

B: DC OUTPUTS POWER ON/OFF

The DC output ports will NOT function until the DC OUTPUTS POWER ON/OFF BUTTON is pressed to activate. Press DC OUTPUTS POWER ON/OFF BUTTON to shut down the output(s) when not in use.

C: USB OUTPUTS POWER ON/OFF

The USB-A output port and USB-C output port will NOT function until the USB OUTPUTS POWER ON/OFF BUTTON is pressed to activate.

Press USB OUTPUTS POWER ON/OFF BUTTON to shut down the output(s) when not in use.

D: AC OUTLET POWER ON/OFF

The AC Outlet will NOT function until the AC OUTLET POWER ON/OFF BUTTON is pressed to activate.

Press AC OUTLET POWER ON/OFF BUTTON to shut down the output(s) when not in use.

E: LED LIGHTING & FLASHLIGHT

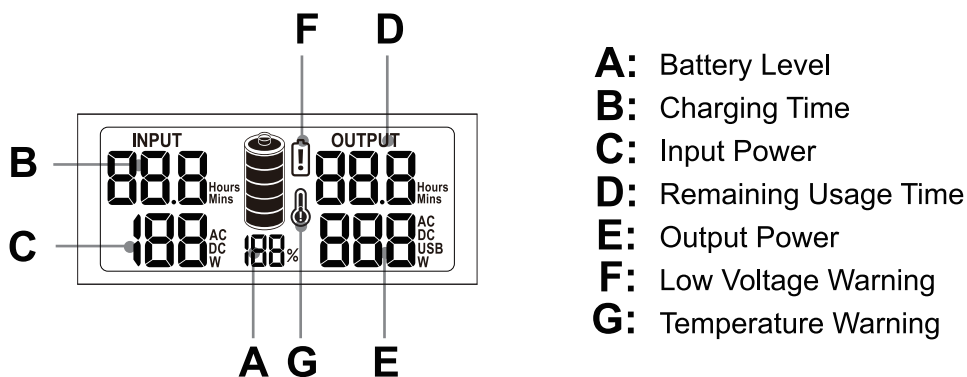
Press LED LIGHTING & FLASHLIGHT BUTTON once to turn on the flashlight, press it again to turn on the LED LIGHTING.

Press LED LIGHTING & FLASHLIGHT BUTTON over 3 seconds to turn on the SOS mode.

WIRELESS CHARGER

Press ON/OFF Button A before charging. Press NO/OFF Button to shut down the output.

LCD FEATURES



DETAILS DISPLAYED ON LCD

- **Battery Level:** The battery level is provided by the percentage of battery charge corresponding to the number of bars and percentage displayed.
PLEASE BE AWARE that this value can adjust multiple times as the energy draw changes from the connected devices. This is evident during the initial activation of ports with a connected device.
RECOMMENDED back to charge the PIONEER 330 when battery indicates less than 20%. Note that when you first plug in a power source, whether it's a solar panel or a wall charger, the PIONEER 330 may take a minute to detect and adjust its charge circuitry before it starts drawing power from the source.
- **Remaining Charging Time:** The PIONEER 330 can provide remaining charging time in hours and minutes. Level accuracy of the amount of charge time left in PIONEER 330 based on the current output level.
- **Input Status:** The PIONEER 330 can provide input energy in watts.
- **Remaining Usage Time:** The PIONEER 330 can provide remaining usage time in hours and minutes. Level accuracy of the amount of usage time left in PIONEER 330 based on the current input level.
- **Output Status:** The display will provide the total output watts of the DC ports, Cigarette Lighter Port, USB-A, USB-C and AC Outlet(s).
- **Low Voltage Warning:** If the Low Voltage Warning indicator is on, please recharge the power station.
- **Temperature Indicator:** The Temperature Indicator lights on means the battery temperature of PIONEER 330 is too low/high. All function of input and output will be stopped until the battery temperature returns to the working range.

GENERAL SPECIFICATIONS

Model: PIONEER 330

Battery: 18650 Lithium Battery

Capacity: 288Wh (22.2V 13Ah)

Dimensions: L230 x W168 x H178 mm

Weight: 8.6lb (3.9kg)

Charging Temperature: 32 to 104°F (0 to 40°C)

Discharging Temperature: 14 to 104°F (-10 to 40°C)

Charging Input

8mm PV Input: 16-22V

8mm DC Input: 12-28V, 60W Max

Power Outputs

AC Outlet: 1x 120V, 60Hz 330W, 660W surge

Cigarette Lighter Port: 1x 12V/10A

DC Ports: 2x 12V/10A

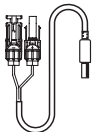
USB-A Ports: 3x 5V/9V/12V, up to 3A, total 54W Max

USB-C Port: 1x 5V/9V/12V/15V/20V, 3A, 60W Max

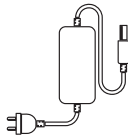
Wireless Charger: 1x 10W

LED Light Power: 0.5W Lighting + 1W Flashlight

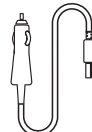
ACCESSORIES



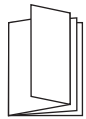
• 18V with MC4
Connector Cable



• 110V AC Wall Plug
Power Adapter

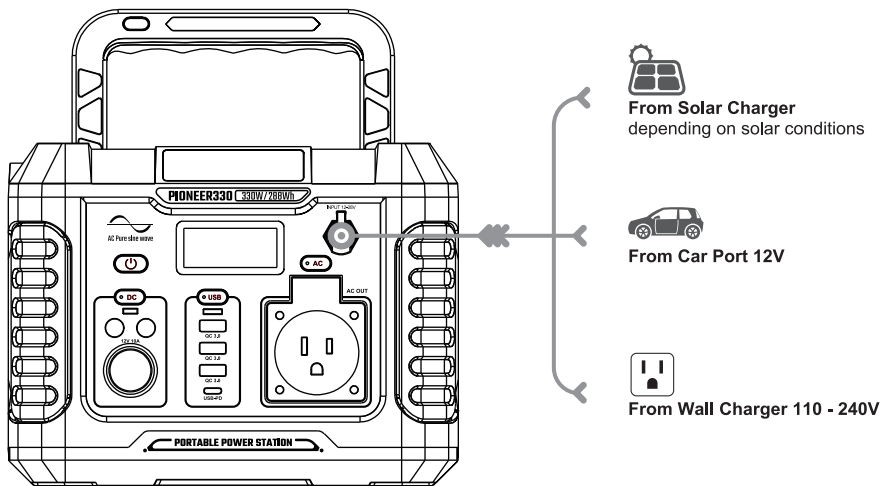


• 12V Car Charger
Cable



• User Manual

HOW TO CHARGE



RECOMMEND TO DISCONNECT THE PIONEER 330 WHEN FULLY CHARGED.

WHAT IT POWERS



Laptops (41.4Wh)



32" TV(60Wh)



CPAP without heated humidifier (15Wh)



GoPro (5.9Wh)



Floodlight(4W)



Mini Fridge(40W)



DJ Drone(89.2Wh)



Smartphone(10Wh)



Switch(16Wh)

+ MORE

POWERING / CHARGING DEVICES

Select the type of outputs required by pressing the DC/USB/AC OUTPUT ON/OFF BUTTON. The output ports will NOT function until the appropriate button(s) is pressed to activate the ports. When output port(s) is 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.

Press the ON/OFF BUTTON(s) to shut down the output(s) when not in use.

PASS-THROUGH CHARGING

The advanced battery management system of the PIONEER 330 allows it to charge a connected device via DC outputs & USB outputs & AC output while charging the PIONEER 330.

OVERLOAD CONDITION

If an overload condition occurs on the OUTPUT ports, PIONEER 330 will:

Automatically turn off AC Outlet power.

- The indicator light of LCD Screen still illuminated.
- DC Outputs Status still the same status as usual.

Do the following:

Check the input charge cable. The ports will be efficient when the input charge cable meets the specification outlined in the GENERAL SPECIFICATIONS section.

- Only charge PIONEER 330 with provided AC wall power adapter.

OPERATING INSTRUCTIONS

CHARGING PIONEER 330

Connect the provided AC Wall Power Adapter to Input Port, and allow PIONEER 330 to fully charge prior to use. When charging, the LCD Screen will be illuminated, and the LCD display will show battery level, PIONEER 330 is fully charged when it shows 100%.

It is recommended to FULLY charge PIONEER 330 every 3 months to maintain the health of the battery pack.

CLEANING

Be sure that PIONEER 330 is disconnected from all input power sources and output devices. Use a clean, dry, soft-lint-free cloth to wipe it down. Remove any debris, dirt, or other blockages on both side vents. When cleaning debris from the side vents, do not allow the debris, dirt, or other blockages to enter the body of PIONEER 330.

DO NOT use abrasive cleaners or solvents.

DO NOT use compressed air to clean side cooling vents, as this will force foreign particles into the internal circuitry.

To avoid the risk of electrical shock, DO NOT use metal objects to clean ports.

STORAGE

If storing for more than 1 month, charge completely before storage and recharge approximately every 3 months to avoid full discharge and possible damage. Storing indoor, in cold temperatures, mild humidity, and away from direct sunlight (See GENERAL SPECIFICATIONS section).

Leaving in a vehicle or other confined spaces in extremely hot temperatures can lead to decreased service life, overheating, and fire. Extreme cold conditions below specific storage range can also harm PIONEER 330 performance and service life. Keep away from corrosion chemicals and gases. After taking out of storage, visually inspect to make sure PIONEER 330 and all accessories look satisfactory. This increase reviews the intake and exhaust side vents to ensure they are clear of debris. Allow PIONEER 330 to return to ambient conditions before recharging or charging other devices.

MAINTENANCE

Recharge as needed. There are no pre-designated intervals at which to recharge as long as the PIONEER 330 is being used regularly. Avoid discharging completed on a regular basis, as this can impact overall life. Periodically inspect all ports and wall chargers for any debris, dirt, damage, and corrosion. DO NOT attempt to fix it. DO NOT cover the PIONEER 330 with towels, clothing, or other items. Regularly observe if the side vents are collecting dirt or dust, and clean following cleaning procedures noted in manual.

DISPOSAL/RECYCLE

Do not place equipment and its accessories in the trash. Items must be appropriately disposed of in accordance with local regulations. See local government laws for additional information.

TROUBLESHOOTING

PIONEER 330 WILL NOT CHARGE OR OPERATE CONNECTED DEVICES:

Ensure that the DC/USB/AC output ports are activated by pressing the DC/USB/AC OUTPUT ON/OFF BUTTON(S) for the port(s) in use.

- Confirm the connected device is suitable for the PIONEER 330 by reviewing the outputs specifications provided in the GENERAL SPECIFICATIONS section.
- Confirm PIONEER 330 is charged by reviewing the Battery Level.
- Verify the watt data displayed on the LCD Screen for an overload condition.

PIONEER 330 WILL NOT BE CHARGED:

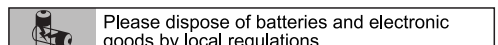
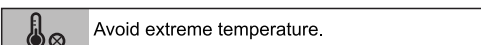
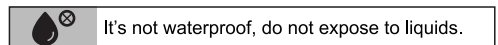
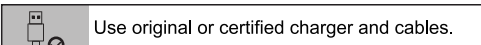
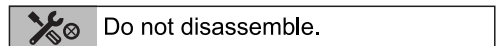
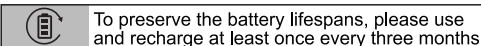
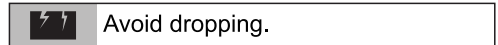
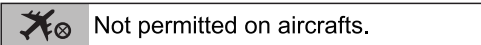
Confirm that the wall plug power adapter's cord is inserted fully into the DC Input .

- Confirm that the AC wall plug power adapter is the charger provided with PIONEER 330.
- 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 INPUT STATUS of LCD screen.

* Please charge PIONEER 330 when you get it. Long time storage PIONEER 330 will cause failure to start. Try charging for more than ten minutes to restart it. If none of these attempts work, you can contact customer service for help.

CAUTIONS

Transportation: PIONEER 330 complies with all legal requirements for the transport of dangerous goods. The capacity of the lithium battery pack exceeds 100Wh. Based on international standards, if PIONEER 330 is transported by airplane, it must be transported by IATA standard packaging. IATA instructions and labeling requirements and the relevant declarations must be completed.



WARNINGS

The warnings in this manual cannot cover all possible conditions or situations that could occur.

Using the PIONEER 330 with common sense and caution. Always be aware of the environment and ensure that the PIONEER 330 is used in a safe and responsible manner.

- **DO NOT** use the PIONEER 330 over its output rating. Overload outputs above rating may result in a risk of fire or injury to persons, even though we have built-in overload protection.
- **DO NOT** use the PIONEER 330 or AC Wall plug power adapter if it is damaged or has been modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- **DO NOT** subject to vibration, impacts, or drops. Secure the PIONEER 330 during transport. The housing may not show signs of damage, but internal components may have been compromised. It is advisable to replace it if any such severe events occur.
- **DO NOT** expose the PIONEER 330 to moisture, rain, or snow.
- **DO NOT** charge, use or store the PIONEER 330 in a bathroom or an area exposed to rain or moisture.
- **DO NOT** leave children or the persons, who with reduced physical/sensory or mental capabilities/or lack of experience and knowledge, along with the PIONEER 330 unless they have been given supervision or instruction concerning use of it by a person responsible for their safety.
- **DO NOT** attempt to repair the PIONEER 330 or AC Wall plug power adapter.
There are no user-serviceable components inside.
- **DO NOT** handle the PIONEER 330 with wet hands.
- **DO NOT** place the PIONEER 330 on its side or upside down while in use or storage.
If rust, odor, overheating, or other abnormal circumstances are observed, stop using and contact customer service.
- Children should be supervised to ensure that they DO NOT play with the PIONEER 330 alone.
- The PIONEER 330 is only used for the emergency power station. It cannot replace the standard AC or DC power of household appliances or digital the PIONEER 330.
- Keep away from high voltage electrical fields.
- Risk of fire and burns. DO NOT open, crush, heat above 104°F (40°C) or incinerate.
- Use of a power supply, charger, or cable not recommended or sold by portable battery manufacturers may result in a risk of fire or injury to persons.
- Should fluid from the inside of the PIONEER 330 come in contact with your skin or clothing, wash the affected areas with tap water.
- The accessories included in the box should only be used with the PIONEER 330.
- **KEEP PIONEER 330 AWAY FROM PETS.**

WARRANTY

BALDR provides a limited warranty for the original consumer purchaser, which covers the BALDR the products from defects in workmanship and material under consumer for 12 months from the date of purchase. In order to establish the start date of the warranty period, the sales receipt from the first consumer purchase, or other reasonable documentary proof is required BALDR's warranty does not apply to (i) any the porduct that is misused, abused, modified,damaged by accident, or used for anything other than normal consumer use as authorized in BALDR's current the product literature, or (ii) any the product purchased through an online auction house.

To know more and obtain warranty service, contact our customer service team at support@togopower.com .

STATEMENT

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The information contained herein is subject to change without notice. The only warranties for BALDR the products and services are outlined in the warranty statements accompanying such the products and services. BALDR shall not be liable for technical or editorial errors or omissions contained herein.



BALDR

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