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> NEXPOW Portable Inverter Generator User Manual

NEXPOW 150W

NEXPOW Portable Inverter Generator User Manual

Model: 150W

1. INTRODUCTION

Thank you for choosing the NEXPOW Portable Inverter Generator. This compact and lightweight power station is designed to provide reliable power for various applications, including home backup, camping, and outdoor activities. It features multiple output ports, including AC, DC, and USB, along with an integrated flashlight for convenience. Please read this manual thoroughly before operation to ensure safe and efficient use of your device.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the unit:

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or electric shock.
- Keep the unit away from heat sources, direct sunlight, humidity, and water.
- Use only the provided charger and cables.
- Do not operate the unit if it has been damaged or dropped.
- Ensure proper ventilation during use to prevent overheating.
- Keep out of reach of children.
- Do not insert foreign objects into the ports.
- Avoid short-circuiting the output terminals.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- NEXPOW Portable Inverter Generator
- AC Wall Charger
- Car Charger Cable
- User Manual



Image: The NEXPOW Portable Inverter Generator shown with its included accessories, including the AC wall charger, car charger cable, and user manual.

4. PRODUCT OVERVIEW

Familiarize yourself with the various components and ports of your power station:



Image: Front view of the NEXPOW Portable Inverter Generator, highlighting the power button, digital display, AC output, DC 12V outputs, USB-1, USB-PD, and USB-2 ports, and the integrated flashlight.

- **Power Button:** Used to turn the unit on/off and switch between output modes.
- **Digital Display:** Shows battery percentage and active output indicators.
- **AC Output:** Standard 110V AC outlet for household appliances.
- **DC 12V Output:** Two DC 12V ports for compatible devices.
- **USB Ports:** Includes USB-1, USB-PD (Power Delivery), and USB-2 for charging various mobile devices.
- **DC 12V Input:** For charging the power station via AC wall charger or car charger.
- **Integrated Flashlight:** Provides illumination for convenience.

5. SETUP AND CHARGING

Before first use, fully charge your NEXPOW Portable Inverter Generator.

5.1 Charging the Power Station

The unit can be charged using the included AC wall charger, car charger, or a compatible solar panel (sold separately).

1. Connect the charging cable to the DC 12V Input port on the power station.
2. Connect the other end of the charger to a power source (wall outlet, car charger, or solar panel).
3. The digital display will show the charging progress. The unit is fully charged when the display reads 100%.
4. Charging time with the AC wall charger is approximately 5-6 hours.

Note: If the display reads 100% but the battery has self-discharged slightly over time, the unit may not immediately accept

a charge. A brief discharge may be required before it begins charging again.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off and Output Modes

The NEXPOW Portable Inverter Generator has distinct modes for USB/DC and AC output.

- To turn on the unit and activate **USB and DC outputs**: Press the power button briefly until the power percentage display turns on.
- To activate the **AC output**: Press and hold the power button longer until the large light in front glows bright green. When AC output is active, the USB and DC ports are disabled.
- To turn off the unit completely: Press the power button until there is nothing showing on the percentage display and the green light is off. Ensure the unit is fully powered off when not in use to prevent battery drain.

6.2 Using the Integrated Flashlight

To turn the integrated flashlight ON or OFF, press the power button two times very rapidly. The flashlight can be used independently of the DC/USB or AC power outputs.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your power station.

- Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- Recharge the unit every 3-6 months, even if not in use, to maintain battery health.
- Clean the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure all ports are free of dust and debris.

8. TROUBLESHOOTING

If you encounter issues with your NEXPOW Portable Inverter Generator, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Unit does not turn on.	Battery may be completely drained. Connect to charger and allow it to charge for a few minutes before attempting to power on.
AC output not working.	Ensure the power button is pressed and held until the green AC indicator light is on. The unit may be in USB/DC mode. Also, check if the connected device exceeds the 150W output limit.
USB/DC output not working.	Ensure the unit is powered on (display showing percentage) and not in AC output mode.
Unit not charging.	Verify charger connection. If the display shows 100% but the battery is not fully charged, briefly discharge the unit (e.g., by connecting a small load) and then reconnect the charger.
Flashlight not working.	Ensure the power button is pressed twice rapidly to activate the flashlight function.

9. SPECIFICATIONS

Key technical specifications for the NEXPOW Portable Inverter Generator:

Feature	Specification
Brand	NEXPOW
Model Number	150W
Wattage	178 watts (Input)
Output Wattage	150 Watts (Running)
Voltage	110 Volts
Power Source	Battery Powered, Solar Powered
Battery Type	Lithium Ion
Item Weight	4.73 pounds
Product Dimensions	8.86"L x 3.15"W x 4.09"H
Runtime	3 hours (dependent on load)



Image: Side view of the NEXPOW Portable Inverter Generator illustrating its compact dimensions: 8.86 inches long, 3.15 inches wide, and 4.09 inches high.

10. WARRANTY AND SUPPORT

NEXPOW stands behind the quality of its products. For warranty claims, technical support, or any inquiries regarding your portable power station, please contact NEXPOW customer service.

Customer Service Email: Service@nexpow.com

Please provide your model number (150W) and purchase details when contacting support for faster assistance.