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NEXPOW NP27, NP19

NEXPOW NP27 & NP19 Portable Tire Inflator User Manual

Model: NP27, NP19

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using the NEXPOW NP27 & NP19 Portable Tire Inflator. Failure to follow these safety guidelines may result in property damage, injury, or death.

- Keep the device away from children.
- Do not operate the inflator in wet conditions or near flammable liquids or gases.
- Ensure the air hose is securely connected to the tire valve before starting inflation.
- Do not over-inflate tires. Always refer to the recommended pressure for your specific item (vehicle, bicycle, ball, etc.).
- Allow the device to cool down after prolonged use to prevent overheating.
- Use only the provided accessories and charging cables.
- Do not disassemble or modify the device.

2. PRODUCT OVERVIEW

The NEXPOW NP27 & NP19 is a portable tire inflator designed for quick and efficient inflation of various items, including car tires, motorcycle tires, bicycle tires, and sports balls. It features a digital pressure gauge, auto shut-off function, and multiple inflation modes.

POWER DISPLAY ATMOSPHERE LAMP & **PRECISE MONITORING**

5 MODES (Car, Bicycle, Motorcycle, Spherical, Custom)



Image: The digital display of the NEXPOW NP27 & NP19 inflator, highlighting real-time pressure, four pressure units (PSI, KPA, BAR, KG/CM²), and the preset pressure value. This display provides clear and precise monitoring during inflation.

Key Features:

- **High Inflation Speed:** Up to 150 PSI maximum pressure, capable of inflating a car tire from 0 to 35 PSI in approximately 5 minutes.
- **Dual Power Modes:** Operates via built-in rechargeable battery or car charging line (12V socket).
- **Digital Display:** Large LCD screen for clear display of real-time and preset pressure.
- **Auto Shut-Off:** Automatically stops inflation once the preset pressure is reached.
- **Multiple Inflation Modes:** 5 preset modes for Car, Bicycle, Motorcycle, Ball, and a Custom mode (3-150 PSI).
- **4 Pressure Units:** Easily switch between PSI, KPA, BAR, and KG/CM².
- **Integrated LED Light:** For illumination in low-light conditions.
- **Compact Design with Accessory Storage:** Easy to carry and store accessories.

INTEGRATED ACCESSORY STORAGE

Convenient Storage, No More Mess or Lost Cords



Image: The NEXPOW NP27 & NP19 inflator showcasing its integrated accessory storage compartment. This design allows for convenient storage of the air hose and various nozzles, preventing loss and keeping the device tidy.

3. SPECIFICATIONS

Feature	Description
Model	NP27, NP19
Max Pressure	150 PSI
Inflation Speed (Car Tire)	0 to 35 PSI in approx. 5 minutes (for 195/65/R15 tire)
Power Source	Rechargeable Battery, 12V Car Charging Line
Pressure Units	PSI, KPA, BAR, KG/CM ²
Air Hose Length	0.5m (1.6 ft)

Feature	Description
Power Cord Length	3m (9.8 ft)
Battery Capacity	12000mAh (estimated based on image)

LONG-LASTING BATTERY

DEFLATED TIRES

X5

195/65/R15. 0-36PSI

CAR TIRES

X24

195/65/R15 (28-36 PSI)

BALLS

X160

(0-8 PSI)

BIKE TIRES

X74

39-45 PSI

MOTORCYCLE TIRES

x65

(25-29 PSI)



12000mAh

Image: A visual representation of the NEXPOW NP27 & NP19's long-lasting 12000mAh battery, illustrating its capacity to inflate multiple items on a single charge, such as car tires, bike tires, motorcycle tires, and balls.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the internal battery of the tire inflator. Connect the provided charging cable to the device and a suitable power source. The display will indicate charging status.

4.2 Attaching the Air Hose

1. Uncoil the air hose from the integrated storage compartment.

2. Screw the air hose securely onto the inflator's air outlet port.
3. Select the appropriate nozzle adapter for your item (e.g., Schrader valve for cars/motorcycles, Presta valve adapter for bicycles, needle for balls) and attach it to the end of the air hose.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- Press and hold the power button (**U**) to turn the device on.
- Press and hold the power button again to turn the device off. The device will also automatically shut off after a period of inactivity.

5.2 Connecting to the Item

1. Ensure the inflator is powered on.
2. Screw the nozzle adapter firmly onto the valve stem of the item you wish to inflate. The digital display will show the current pressure of the item.

5.3 Selecting Pressure Units

Press the 'UNIT' button (often labeled 'R' or similar) to cycle through the available pressure units: PSI, KPA, BAR, KG/CM². Select your desired unit.

5.4 Choosing an Inflation Mode

The inflator offers 5 preset modes and a custom mode. Press the 'MODE' button (often represented by an icon like a car, bicycle, etc.) to cycle through the modes:

- **Car Mode:** Preset pressure range (e.g., 26-50 PSI).
- **Motorcycle Mode:** Preset pressure range (e.g., 26-45 PSI).
- **Bicycle Mode:** Preset pressure range (e.g., 30-120 PSI).
- **Ball Mode:** Preset pressure range (e.g., 4-16 PSI).
- **Custom Mode:** Allows manual setting of pressure from 3-150 PSI.

4+N PRESET MODES

Meet All Inflation Needs



Car Mode
26-50 PSI



Motorcycle Mode
26-45PSI



Bicycle Mode
30-120PSI



Balls Mode
4-16PSI



Custom Mode
3-150PSI



Image: The various preset inflation modes available on the NEXPOW NP27 & NP19 inflator, including specific modes for cars, motorcycles, bicycles, and balls, along with a customizable mode for other inflation needs.

5.5 Setting Target Pressure

Once a mode is selected, the preset target pressure will be displayed. Use the '+' and '-' buttons to adjust the target pressure to your desired value. Refer to your item's manufacturer recommendations for correct pressure.

5.6 Starting and Stopping Inflation

1. After setting the target pressure, press the 'START/STOP' button (often a circular icon) to begin inflation.
2. The inflator will automatically stop once the target pressure is reached.
3. To manually stop inflation at any time, press the 'START/STOP' button again.

5X FASTER INFLATION

Over-Discharge Protection
Automatically Shuts Off When It Reaches
the Preset Value



Image: The NEXPOW NP27 & NP19 inflator actively inflating a car tire, demonstrating its fast inflation capability and the automatic shut-off feature that activates once the preset pressure is achieved, ensuring safe and precise inflation.

5.7 Using the LED Light

Press the 'LIGHT' button (often represented by a light bulb icon) to turn the LED light on or off. This is useful for inflating in dark environments.

5.8 Dual Power Modes

- **Battery Power:** The device operates wirelessly using its internal rechargeable battery. Ensure the battery is sufficiently charged.
- **Car Charging Line:** For continuous power or when the internal battery is low, connect the provided car charging line to your vehicle's 12V socket and then to the inflator.

6. MAINTENANCE

6.1 Cleaning

- Wipe the exterior of the inflator with a soft, damp cloth.

- Do not use harsh chemicals or abrasive cleaners.
- Ensure the device is completely dry before storing or recharging.

6.2 Storage

- Store the inflator and its accessories in a cool, dry place, away from direct sunlight and extreme temperatures.
- Utilize the integrated accessory storage compartment to keep the air hose and nozzles organized.
- For long-term storage, it is recommended to charge the battery to about 50-70% every few months to maintain battery health.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on.	Low battery; Device not charged.	Charge the device fully. Ensure the power button is pressed and held.
Inflator does not start inflation.	Air hose not securely connected; Target pressure not set; Battery too low.	Ensure all connections are tight. Set a target pressure. Charge the battery.
Inflation is slow or weak.	Low battery; Air leak in hose/connection; Blocked nozzle.	Charge the battery. Check hose and nozzle connections for leaks. Clear any blockages.
Device overheats and shuts off.	Prolonged continuous use.	Allow the device to cool down for at least 10-15 minutes before resuming use.
Inaccurate pressure reading.	Incorrect pressure unit selected; Sensor issue.	Verify the correct pressure unit (PSI, KPA, BAR, KG/CM²) is selected. If issue persists, contact support.

8. WARRANTY AND SUPPORT

NEXPOW products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official NEXPOW website. Please have your model number (NP27 or NP19) and purchase date available when contacting support.

For further assistance, you may also contact the seller directly through your purchase platform.