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## SUNPOW NW01-P

# SUNPOW 160PSI Portable Air Compressor (Model NW01-P) User Manual

Your guide to operating and maintaining your SUNPOW cordless tire inflator with LCD dual screen.

## INTRODUCTION

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The SUNPOW 160PSI Portable Air Compressor, Model NW01-P, is a versatile and cordless air pump designed for inflating various items such as car tires, bicycle tires, and sports balls. Featuring a powerful 19-cylinder air pump and a high-speed motor, it delivers quick and efficient inflation. Its intelligent design includes an LCD dual screen for real-time pressure monitoring and an auto-shutoff function to prevent over-inflation. The compact and portable unit also offers additional functionalities like an integrated LED light and a mobile power bank feature.

## PACKAGE CONTENTS

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Upon unboxing, please ensure all the following items are present:

- 1 x SUNPOW 160PSI Portable Air Compressor (Model NW01-P)
- 1 x Air Tube
- 1 x Needle Valve Adaptor
- 1 x Schrader-Presta Valve Adaptor
- 1 x USB Charging Cable
- 1 x Storage Bag
- 1 x User Manual (this document)

## SETUP

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## 1. Charging the Device

The SUNPOW air compressor features a built-in 2500\*3mAh rechargeable high-capacity battery, allowing for cordless operation. Before first use, or when the battery is low, charge the device using the provided USB charging cable.

1. Connect the USB charging cable to the fast charging port on the air compressor.
2. Connect the other end of the USB cable to a compatible USB power adapter (not included) or a power source.
3. Allow the device to charge fully. The LCD screen will indicate charging status.

## 2. Attaching the Air Tube and Nozzle

Select the appropriate nozzle for your inflation needs. The package includes various adaptors for different valve types.

1. Screw the air tube firmly onto the air outlet port of the compressor.
2. Attach the required nozzle (e.g., Needle Valve Adaptor for balls, Schrader-Presta Valve Adaptor for bicycles) to the other end of the air tube.

# 5 MODES PRESET

## PRESET SCOPE

-  **2-65** PSI
-  **2-55** PSI
-  **2-150** PSI
-  **2-15** PSI
-  **2-160** PSI

REAL-TIME

PRESET

- Each mode has different pressure range, select the correct mode, preset the required pressure value, and then start inflating.

Image: The SUNPOW air compressor displaying its LCD screen with various preset inflation modes for different items.

## OPERATING INSTRUCTIONS

### 1. Powering On and Connecting

1. Press the power button to turn on the air compressor. The LCD dual screen will illuminate.

2. Connect the attached nozzle to the valve stem of the item you wish to inflate. Ensure a secure connection to prevent air leakage.

## 2. Selecting Inflation Mode and Setting Pressure

The device offers 5 preset inflation modes and a manual mode:

- **Car Mode:** For automobile tires.
- **Motorcycle Mode:** For motorcycle tires.
- **Bicycle Mode:** For bicycle tires.
- **Ball Mode:** For sports balls.
- **Manual Mode:** For custom pressure settings.

Use the mode selection button to cycle through the preset modes. The LCD screen will display the selected mode and its default pressure value. Use the '+' and '-' buttons to adjust the target pressure if needed. The screen also shows real-time tire pressure.



Image: Close-up of the SUNPOW air compressor's control panel, highlighting the mode selection and pressure adjustment buttons.

## 3. Starting and Stopping Inflation

1. Once the desired pressure is set, press the start button to begin inflation.
2. The compressor will automatically shut off when the preset pressure is reached, preventing over-inflation.
3. To manually stop inflation at any time, press the power button again.

# AUTO SHUTOFF

The machine automatically stops working when the real time air pressure reaches the preset value



Image: The SUNPOW air compressor in action, inflating a tire, with a visual representation of its automatic shut-off function.

## 4. Using the LED Light and Power Bank Function

- **LED Light:** Press the light button to activate the built-in LED light for emergency lighting in low-light conditions.
- **Power Bank:** The device is equipped with a fast charging port and can be used as a mobile power bank to charge other electronic devices. Connect your device to the appropriate USB port on the compressor.

# MORE THAN A TIRE INFLATOR



Image: The SUNPOW air compressor demonstrating its multi-functional capabilities, including the LED light and USB power bank feature.

## MAINTENANCE

- **Cleaning:** Wipe the exterior of the compressor with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

- **Storage:** Store the air compressor in its storage bag in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the air tube and accessories are neatly stored to prevent damage.
- **Battery Care:** For optimal battery life, charge the device regularly, even if not in frequent use. Avoid completely draining the battery for extended periods.
- **Air Tube Inspection:** Periodically check the air tube and connections for any signs of wear, cracks, or damage. Replace if necessary to ensure efficient and safe operation.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or no power connection.	Charge the device using the USB charging cable. Ensure the power button is pressed firmly.
Air compressor is running but not inflating.	Loose connection of air tube/nozzle or incorrect nozzle.	Ensure the air tube and nozzle are securely attached to both the compressor and the item being inflated. Verify the correct nozzle is used for the valve type.
Inflation is slow.	Low battery or very low initial pressure of the item.	Ensure the device is fully charged. For very low pressure items, initial inflation may take slightly longer.
Device is noisy during operation.	Normal operation sound for air compressors.	A certain level of noise (approx. 70 dB) is normal for air compressors. This is not indicative of a fault.

## SPECIFICATIONS

Feature	Detail
Brand	SUNPOW
Model Number	NW01-P
Maximum Pressure	160 PSI
Air Flow Capacity	32 Liters Per Minute
Battery Type	3 Lithium Metal batteries (2500*3mAh total capacity)
Voltage	11.1 Volts
Noise Level	70 Decibels
Product Dimensions	17.7L x 10.9W x 7.1H Centimetres

Feature	Detail
Item Weight	759 Grams
Special Features	Cordless, LCD Dual Screen, Auto Shut-off, LED Light, Power Bank Function

## WARRANTY AND SUPPORT

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The SUNPOW 160PSI Portable Air Compressor comes with a **Three-year warranty** from the manufacturer. For any questions, technical assistance, or warranty claims, please contact SUNPOW customer service. They provide 24-hour customer service to ensure your satisfaction.

**Contact Information:** Please refer to the contact details provided in your product packaging or visit the official SUNPOW website for the most up-to-date support information.