

DIYtoolifz 160PSI Cordless Tire Inflator

DIYtoolifz 160PSI Cordless Tire Inflator Air Compressor

Model: 160PSI Cordless Tire Inflator

Brand: DIYtoolifz

1. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **General Safety:** Keep the work area clean and well-lit. Do not operate the inflator in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep children and bystanders away while operating.
- **Electrical Safety:** This inflator is designed for use with DeWalt 20V MAX Lithium-Ion batteries. Use only the specified battery and charger. Do not expose the inflator to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Do not over-inflate tires or other items. Always check the manufacturer's recommended pressure.
- **Product Use and Care:** Do not use the inflator if the switch does not turn it on and off. Disconnect the battery pack before making any adjustments, changing accessories, or storing the inflator. Store idle inflators out of the reach of children.

2. PACKAGE CONTENTS

Verify that all items are included in your package:

- DIYtoolifz Cordless Tire Inflator Air Compressor x1
- 4.0Ah DIYtoolifz Battery x1
- 3A Fast Charger x1
- Various Nozzles (4 included)

BATTERY CHARGING KIT

Compatible With Dewalt 20V battery



Image: The 4.0Ah DIYtoolifz battery and 3A fast charger, compatible with the cordless tire inflator.

3. PRODUCT OVERVIEW

The DIYtoolifz 160PSI Cordless Tire Inflator is a portable air pump designed for efficient inflation of various items. It features a digital pressure gauge, preset modes, and an automatic shut-off function.



Image: Main view of the DIYtoolifz 160PSI Cordless Tire Inflator.

Key Features:

- **Cordless Design:** Compatible with DeWalt 20V MAX Lithium-Ion batteries for maximum portability.
- **Fast & Efficient Inflation:** 25mm large cylinder and high-performance brushless motor deliver up to 30L/min airflow.
- **Smart Auto Shut-Off:** Automatically stops when preset pressure is reached to prevent over-inflation.
- **Digital Pressure Gauge:** Large LCD screen displays current and target pressure in PSI, Bar, or KPa with ± 0.5 PSI accuracy.
- **Preset Modes:** Includes 4 preset modes for car, motorcycle, bicycle, and basketball, plus a custom mode.
- **Integrated Lighting:** Built-in flashlight with SOS and steady modes for night use or emergencies.



Image: Internal view highlighting the 25mm commercial-grade cylinder for fast inflation.

4. SETUP

1. **Charge the Battery:** Before first use, fully charge the included 4.0Ah DIYtoolifz battery using the 3A fast charger. Ensure the charger is connected to a suitable power outlet.
2. **Install the Battery:** Slide the charged battery pack into the base of the tire inflator until it clicks securely into place.
3. **Attach the Air Hose:** Connect the flexible air hose to the inflator's air outlet. Ensure it is firmly screwed on to prevent air leakage.
4. **Select Nozzle:** Choose the appropriate nozzle for the item you wish to inflate (e.g., Schrader valve for car/bike tires, needle for balls, cone for inflatables). Attach it to the end of the air hose.

5. OPERATING INSTRUCTIONS

Powering On and Setting Pressure:

1. **Power On:** Press the power button to turn on the inflator. The LCD screen will illuminate, displaying the current pressure and default preset mode.
2. **Select Mode:** Press the 'Mode' button to cycle through the preset inflation modes (Car, Motorcycle, Bicycle, Basketball) or select the Custom mode. Each mode has a default pressure setting.
3. **Adjust Target Pressure:** Use the '+' and '-' buttons to adjust the target pressure to your desired PSI, Bar, or KPa. The inflator has a maximum pressure of 160 PSI.
4. **Connect to Item:** Securely attach the chosen nozzle and air hose to the item you wish to inflate. Ensure a tight seal to prevent air loss.

BIG & BRIGHT DIGITAL DISPLAY

Large Numbers for Easy Reading



Image: The large LCD screen displaying current and target pressure, along with various preset modes.

Inflation Process:

5. **Start Inflation:** Press the trigger to begin inflation. The inflator will automatically stop once the preset target pressure is reached.
6. **Monitor Progress:** The LCD screen will show the real-time pressure increase.
7. **Auto Shut-Off:** The smart auto shut-off feature prevents over-inflation, ensuring safety and accuracy.
8. **Disconnect:** Once inflation is complete and the inflator has stopped, carefully disconnect the air hose from the item.

≤ 3 MINUTES   
Tackle Emergencies with Confidence
FAST INFLATION FROM 0-36 PSI



Image: The cordless tire inflator in use, demonstrating fast and efficient tire inflation.

AUTO SHUT-OFF AT PRESET PRESSURE

Just let it pump



Image: The auto shut-off feature in action, allowing hands-free inflation once the preset pressure is reached.

Using the LED Light:

Press the light button to activate the built-in LED flashlight. Press again to switch between steady light and SOS flashing mode. This is useful for low-light conditions or emergencies.



Image: The inflator's LED light in use, showing both white light for illumination and red SOS mode for emergencies.

Video Demonstration:

Your browser does not support the video tag.

Video: A demonstration of the Cordless Tire Inflator Air Compressor in operation, showcasing its features and ease of use.

6. MAINTENANCE

- **Cleaning:** Wipe the inflator with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inflator in a dry, cool place away from direct sunlight and extreme temperatures. Ensure the battery is removed if storing for extended periods.
- **Battery Care:** Keep the battery charged, especially during long storage periods, to prolong its lifespan.

7. TROUBLESHOOTING

- **Inflator does not turn on:** Ensure the battery is fully charged and correctly installed. Check for any damage to the battery or inflator.
- **Slow inflation or no inflation:** Verify that the air hose and nozzle are securely attached and there are no leaks. Check if the target pressure is set correctly. Ensure the item being inflated does not have a puncture.
- **Inaccurate pressure reading:** Ensure the nozzle is properly sealed to the valve stem. Recalibrate if necessary (refer to specific instructions if available, otherwise contact support).
- **Overheating:** If the inflator becomes excessively hot, turn it off and allow it to cool down before resuming use. Avoid continuous operation for very long periods.

8. SPECIFICATIONS

Feature	Specification
Brand	DIYtoolifz
Model Number	160PSI Cordless Tire Inflator
Voltage	20 Volts (DC)
Max Pressure	160 PSI
Air Flow Capacity	30 Liters Per Minute
Pressure Accuracy	±0.5 PSI
Noise Level	58 Decibels
Item Weight	2.07 Kilograms
Material	Plastic
Special Features	Automatic Shut-Off, Cordless, Digital, LCD Display, Portable, LED Light (Steady/SOS)

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact DIYtoolifz customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

