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dormzie ST189CD

DORMZIE Portable Tire Inflator

MODEL: ST189CD

User Manual

1. Introduction

Thank you for choosing the DORMZIE Portable Tire Inflator. This powerful and versatile air compressor is designed for quick and efficient inflation of various items, including car tires, motorcycle tires, bicycle tires, sports equipment, and more. Featuring a cordless design with a 20V rechargeable battery and a 12V car power adapter, it offers dual power assurance for convenience on the go. The digital display and auto shut-off function ensure precise and safe inflation every time.



Image: The DORMZIE Portable Tire Inflator, showing the main unit, 20V battery, 12V car power adapter, and various nozzles.

2. Safety Information

Please read all safety warnings and instructions carefully before using this product to prevent electric shock, fire, or serious injury.

- Keep the inflator away from children.
- Do not operate the inflator in wet conditions or near flammable liquids/gases.
- Ensure the correct pressure setting for the item being inflated to avoid overinflation.
- Allow the inflator to cool down after continuous use (max 20 minutes) to prevent overheating.

- Do not leave the inflator unattended while in operation.
- Use only the provided battery and charging accessories.

3. What's in the Box

Verify that all components are present:

- Cordless Tire Inflator Unit
- 20V Lithium-ion Battery Pack
- 12V Car Power Adapter
- Battery Charger
- 6 x Nozzles (various types for different applications)
- User Manual (this document)
- Tool Bag

4. Product Features

- **Powerful Cordless Operation:** 20V rechargeable Li-ion battery for quick and efficient inflation up to 150 PSI.
- **Robust Construction:** Metal cylinder and gear for enhanced durability and 2x faster inflation speed.
- **Auto Shut-Off & Digital Pressure Control:** Automatically stops at target pressure, preventing overinflation. Digital gauge with +/- 1 PSI accuracy.
- **Multiple Unit Switches:** Supports BAR, KPA, PSI, KG/CM2.
- **Dual Power Assurance:** Operates with 20V battery or 12V car power adapter.
- **Versatile Application:** Suitable for cars, motorcycles, bicycles, sports balls, and balloons. (Not for large truck tires).
- **Compact & Portable:** Handheld design for easy storage and transport.

CORDLESS POWERFUL FAST INFLATOR

UP TO 150 PSI | INFLATES IN MINUTES

≤ 4 MINS
0 ➡ 36PSI



Image: The inflator in use, demonstrating its powerful and fast inflation capabilities, inflating a tire from 0 to 36 PSI in under 4 minutes.

POWERFUL INFLATION

150 PSI FAST, DURABLE

< 4 MINS  0 ➡ 36PSI

**POWERFUL AND DURABLE
ROBUST METAL
CYLINDER AND GEAR**

INFLATION SPEED: 2X FASTER.

SERVICE LIFE: 30% INCREASE

Compared with Other samll pump



Image: An X-ray view of the inflator, illustrating its robust metal cylinder and gear for powerful and durable inflation.

5. Setup

5.1 Charging the Battery

Before first use, fully charge the 20V Lithium-ion battery pack. Connect the battery charger to a standard wall outlet and then to the battery pack. The charging indicator light on the battery will show its status.

5.2 Attaching the Battery

Slide the charged battery pack onto the base of the tire inflator until it clicks securely into place.

5.3 Using the 12V Car Power Adapter

For continuous power or when the battery is low, connect the 12V car power adapter to your vehicle's cigarette lighter socket and then to the inflator's 12V input port.

TWO POWER SUPPLIES FOR MULTIPLE SCENARIOS

20V

Powerful Battery



Car Tire

x4



Motorcycles

x15



Bikes

x18



Balls

x88



12V DC

Adapter with 9.8 ft cord



Image: Visual representation of the two power supply options: the 20V powerful battery and the 12V DC adapter with a 9.8 ft cord, along with their respective inflation capacities for different items.

Image: The 20V Li-ion battery pack connected to its charger, demonstrating its charging capability and also its ability to charge a mobile phone via USB.



Image: Close-up of the 12V car power adapter, highlighting its design and integrated fuse for safety.

6. Operating Instructions

6.1 Preparing for Inflation

1. Select the appropriate nozzle for the item you wish to inflate and securely attach it to the air hose.
2. Attach the air hose with the selected nozzle to the valve stem of the item (e.g., car tire valve).

6.2 Setting Target Pressure

1. Turn on the inflator. The digital display will illuminate.
2. Press the 'UNIT' button to cycle through pressure units (PSI, BAR, KPA, KG/CM²) until your desired unit is displayed.
3. Rotate the knob on the digital display to set your desired target pressure. The display will show the target pressure and the current pressure.

6.3 Starting and Stopping Inflation

1. Once the target pressure is set, press the power button to begin inflation. The inflator will start pumping air.
2. The inflator will automatically shut off once the target pressure is reached. You can also manually stop inflation by pressing the power button again.
3. Disconnect the air hose from the valve stem.

AUTOMATIC INFLATION

Real-time Monitoring | Auto Shut-off At Target Pressure

DIGITAL DISPLAY

PSI | BAR | KPA | KG/CM²



Image: The inflator's digital display, clearly showing the target pressure and real-time pressure during automatic inflation.



Light on when the inflator is working



EASY TO OPERATE



1. Attach to the car tire valve



2. Choose unit and preset pressure



3. Press power button to begin

Image: A three-step guide demonstrating how to easily operate the inflator: 1. Attach to the car tire valve, 2. Choose unit and preset pressure, 3. Press power button to begin.



Image: A person attaching the inflator's hose to a car tire valve, illustrating the first step of operation.



Image: A hand rotating the knob on the inflator's digital display to set the target pressure.



Image: The inflator's digital display indicating the 'START' (green light) and 'STOP' (red light) states, showing the target pressure and current pressure.

6.4 Preset Modes

The inflator features four preset modes for common inflation needs:

- **Car:** Default 36 PSI
- **Motorcycle:** Default 35 PSI
- **Bike:** Default 30 PSI
- **Ball:** Default 8 PSI

You can select these modes and adjust the target pressure as needed.

FOUR PRESET MODES



Car

36 PSI



Motorcycles

35 PSI



Bikes

30 PSI



Balls

8 PSI

FOR ALL YOUR
INFLATION NEEDS



Image: Visual representation of the four preset inflation modes for cars, motorcycles, bikes, and balls, with their respective default PSI settings.



Image: A collage showing the versatility of the inflator, capable of inflating car tires, motorcycle tires, bicycle tires, sports balls, inflatable rings, and balloons.

6.5 Integrated LED Light

The inflator is equipped with an LED light for illumination during low-light conditions or nighttime use. The light turns on automatically when the inflator is working.



Image: The inflator's integrated LED light illuminating the tire valve area during nighttime operation, enhancing visibility.

6.6 Official Product Video

Watch this official product video from Dormzie Driect for a comprehensive overview of the DORMZIE Cordless Tire Inflator Portable Air Compressor.

Video: An official product video demonstrating the features and usage of the DORMZIE Cordless Tire Inflator Portable Air Compressor.

7. Maintenance

- Clean the inflator regularly with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the inflator and its accessories in the provided tool bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the battery is charged periodically if stored for long durations to maintain its lifespan.
- Check the air hose and nozzles for any signs of wear or damage before each use.

8. Troubleshooting

Problem	Possible Cause	Solution
Inflator does not turn on.	Battery is not charged or not properly inserted.	Charge the battery fully. Ensure the battery is securely clicked into place.
Inflator stops prematurely.	Target pressure reached. Overheating protection activated.	Check the pressure reading. Allow the unit to cool down for 10-15 minutes before resuming use.
Air leaks during inflation.	Nozzle not securely attached or valve stem is damaged.	Ensure the nozzle is tightly screwed onto the valve stem. Inspect the valve stem for damage.
Inaccurate pressure reading.	Gauge calibration issue or external factors.	Ensure the hose connection is tight. Compare reading with a known accurate gauge. If persistent, contact support.

9. Specifications

Feature	Detail
Model Name	ST189CD
Brand	dormzie
Maximum Operating Pressure	150 PSI
Power Source	20V Battery Powered / 12V DC Car Adapter
Voltage	20 Volts
Noise Level	65 dB
Item Weight	3.34 pounds
Product Dimensions	5.91 x 3.15 x 9.84 inches
Included Components	Battery, Nozzles, 12V Car Power Adapter, Battery Charger, Tool Bag

10. Warranty and Support

DORMZIE products are manufactured to the highest quality standards. For warranty information or technical support, please contact Dormzie Direct directly through your purchase platform or visit their official website. Please have your model number (ST189CD) and purchase date available when contacting support. For further assistance, you may refer to the product page on Amazon:[Amazon Product Page](#)

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Documents - dormzie – ST189CD

no relevant documents