

1. Product Overview



The DORMZIE ST189CD is a portable, cordless air compressor designed for inflating tires and other inflatables. It features a digital display, automatic shut-off, and dual power sources (20V rechargeable battery and 12V car adapter).

Model: ST189CD

2. Features and Specifications



2.1 Key Features

- **Cordless Operation:** Powered by a 20V rechargeable lithium-ion battery.
- **Dual Power Source:** Includes a 12V car power adapter for use when the battery is depleted.
- **Digital Pressure Gauge & Control:** Features a digital display with four selectable units (PSI, BAR, KPA, KG/CM²). A knob is used to set the target pressure.
- **Automatic Shut-Off:** Stops inflation automatically when the preset pressure is reached.
- **High Pressure & Flow:** Maximum pressure of 150 PSI. Constructed with a metal cylinder and gear for increased power and faster inflation compared to standard pumps.
- **Built-in LED Light:** Illuminates the work area during operation.
- **Portable Design:** Handheld form factor with an included storage bag.

2.2 Technical Specifications

- **Brand:** dormzie
- **Model Name:** ST189CD
- **Voltage:** 20V (Battery), 12V (Car Adapter)
- **Maximum Pressure:** 150 PSI
- **Power Source:** Battery Powered (with DC adapter backup)
- **Noise Level:** 65 Decibels
- **Battery:** 1 x 20V Lithium Ion (included)
- **Product Dimensions:** 5.91" x 3.15" x 9.84"
- **Item Weight:** 3.36 pounds
- **Included Components:** Inflator, 20V Battery, Battery Charger, 12V Car Power Adapter, 6 Nozzles, User Manual, Tool Bag.

3. Package Contents and Components

- Cordless Tire Inflator (Main Unit)
- 20V Lithium-ion Battery Pack
- Battery Charger
- 12V Car Power Adapter (9.8 ft cable)
- 6 x Nozzles (for various valve types)
- User Manual
- Tool Bag for Storage

4. Use Guide

4.1 Charging the Battery

1. Connect the battery charger to a standard wall outlet.
2. Insert the 20V battery pack into the charger. The charger indicator will show the charging status.
3. A full charge is achieved in approximately one hour.

4.2 Installing the Battery

Slide the fully charged 20V battery pack into the compartment on the inflator until it clicks securely into place.

4.3 Connecting to a 12V Car Outlet (Alternative Power)

1. Ensure your vehicle's engine is running.
2. Plug the 12V car power adapter into your vehicle's cigarette lighter/power outlet.
3. The inflator will now draw power from the vehicle instead of the battery.

4.4 Setting the Target Pressure

1. Turn the pressure selection knob on the inflator to cycle through the four units: PSI, BAR, KPA, KG/CM².
2. Continue turning the knob to set the numerical target pressure value. The digital display will show the setting.

4.5 Inflating a Tire

1. Remove the valve cap from the tire.
2. Select the appropriate nozzle from the kit and attach it securely to the inflator's hose.
3. Firmly press the nozzle onto the tire valve.
4. Pull the trigger to start inflation. The built-in LED light will turn on.
5. The digital display will show the real-time pressure increasing. The inflator will automatically stop when the preset target pressure is reached.
6. Remove the nozzle from the valve and replace the valve cap.

4.6 Using the LED Light

The LED light is activated automatically when the inflator is turned on (trigger pulled). It provides illumination for working in low-light conditions.

5. Safety and Maintenance

5.1 Safety Warnings

- Do not use to inflate large truck tires. The maximum pressure is 150 PSI.
- Do not operate the inflator continuously for more than 20 minutes. Allow it to cool down between extended uses.
- When using the 12V car adapter, ensure the vehicle's engine is running to avoid draining the vehicle battery.
- Keep the inflator and battery away from water and excessive heat.
- Do not disassemble the unit.
- Use only the provided charger and adapter.

5.2 Maintenance

- Store the inflator and accessories in the provided tool bag in a cool, dry place.
- Keep the nozzle connectors and valve clean to ensure a proper seal.
- Check the 12V car adapter fuse if the unit fails to power on from the car outlet. A replacement fuse is included.

6. Troubleshooting

Problem	Possible Cause	Solution
Inflator does not turn on.	Battery is depleted or not installed correctly. Blown fuse (12V mode).	Charge or re-seat the battery. Check/replace the fuse in the 12V adapter plug.
Inflation stops before reaching target pressure.	Unit may be overheating. Battery may be low.	Allow the unit to cool down for 10-15 minutes. Recharge the battery.
Air is leaking from the connection.	Nozzle is not properly attached to the hose or valve.	Ensure all connections are tight and the correct nozzle is used for the valve type.
Digital display is unclear or not working.	Low battery. Display error.	Recharge the battery. If problem persists with a full battery, unit may require service.
Unit does not auto-shut-off.	Target pressure may be set incorrectly or not set.	Verify and set the correct target pressure using the control knob before starting.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.