

# 1. Overview

The Dormzie ST10 is a portable, cordless tire inflator designed for inflating car, SUV, motorcycle, and bicycle tires. It features a digital pressure gauge, multiple inflation modes, and dual power sources.



The unit includes the inflator, a 12V car power adapter, four valve adapters, and a storage box.

## 2. Features and Specifications

### 2.1 Key Features

- **Dual Power Supply:** Rechargeable lithium-ion battery and 12V car power adapter.
- **Digital Pressure Gauge:** LCD screen displays real-time and preset pressure.
- **Five Preset Modes:** Bicycle, motorcycle, car, ball, and custom mode.
- **Automatic Shut-Off:** Stops inflation when the preset pressure is reached.
- **Multiple Units:** Supports PSI, BAR, KPA, and KG/CM<sup>2</sup>.
- **Built-in LED Light:** For illumination in low-light conditions.
- **Portable Storage Box:** For storing the inflator and all accessories.

### 2.2 Technical Specifications

- **Brand:** Dormzie
- **Model:** ST10
- **Maximum Pressure (Custom Mode):** 150 PSI
- **Voltage:** 12 Volts (DC)
- **Power Source:** Battery Powered (Lithium Ion) & 12V Car Outlet
- **Noise Level:** 65 Decibels
- **Accuracy:** ±1 PSI
- **Item Weight:** 1.92 pounds (0.87 kg)
- **Package Dimensions:** 8.11 x 4.29 x 4.17 inches



### 3. What's in the Box

- Dormie ST10 Cordless Tire Inflator (Main Unit)
- Rechargeable Lithium-Ion Battery (Pre-installed)
- 12V Car Power Adapter

- Four Valve Adapters
- Storage Box
- User Manual (this guide)

## 4. Use Guide

### 4.1 Charging the Inflator

1. Before first use, ensure the inflator is fully charged.
2. Connect the provided 12V car power adapter to the inflator's power port.
3. Plug the adapter into a standard 12V car outlet (cigarette lighter socket).
4. The LCD screen will indicate charging status. A full charge is required for optimal battery-powered operation.

### 4.2 Powering the Inflator

You can operate the inflator using two methods:

- **Battery Power:** Use the internal rechargeable battery for cordless operation.
- **12V Car Power:** Connect the 12V adapter to your vehicle's outlet for continuous power without draining the battery.

### 4.3 Setting the Desired Pressure

1. Press the power button to turn on the inflator. The LCD screen will illuminate.
2. Use the mode button to cycle through the five preset modes: Bicycle, Motorcycle, Car, Ball, and Custom.
3. In **Custom Mode**, use the "+" and "-" buttons to set your desired pressure value.
4. Use the unit button to switch between pressure units: PSI, BAR, KPA, or KG/CM<sup>2</sup>.
5. The screen shows both the preset target pressure and will display real-time pressure during inflation.

### 4.4 Inflating a Tire

1. Remove the valve cap from the tire.
2. Select the appropriate valve adapter for your tire (car, bike, ball, etc.) and attach it securely to the inflator's hose.
3. Firmly press the adapter onto the tire valve stem. Ensure it is seated correctly to prevent air leakage.
4. Press and hold the inflation button. The inflator will start, and the real-time pressure will be shown on the screen.

5. The inflator will automatically stop when the preset target pressure is reached.
6. Disconnect the inflator from the valve stem and replace the tire's valve cap.

**Important:** Do not leave the inflator unattended during operation. Always refer to your vehicle's manual for the recommended tire pressure.

#### 4.5 Using the LED Light

Press the dedicated LED light button to turn the built-in light on or off. This is useful for illuminating the tire valve and work area in dark conditions.

#### 4.6 Storing the Unit

After use, coil the air hose neatly. Place the inflator, power adapter, and all valve adapters back into the provided storage box to keep components organized and protected.

### 5. Safety Information

- This inflator is designed for inflating tires and inflatables. Do not use it for any other purpose.
- Do not operate the inflator near flammable gases or materials.
- Keep the inflator and its components away from water and other liquids.
- Do not block the air intake or exhaust vents during operation.
- Allow the motor to cool down between extended inflation cycles.
- The inflator contains a lithium-ion battery. Do not disassemble, puncture, or expose to extreme heat or fire.
- Only use the provided 12V car adapter. Do not attempt to use other power sources.
- Check the tire valve and adapter for damage before each use to ensure a proper seal.

### 6. Troubleshooting

- **Inflator does not turn on:** Check battery charge. Connect to 12V car power to charge or operate. Ensure connections are secure.
- **Air is leaking during inflation:** Ensure the valve adapter is correctly and firmly attached to the tire valve stem. Check adapter and hose for damage.

**Pressure reading seems inaccurate:** Ensure the unit is set to the correct pressure unit (e.g., PSI). The gauge has an accuracy of  $\pm 1$  PSI. For critical measurements, use a dedicated tire pressure gauge to verify.

- **Inflator stops unexpectedly:** The automatic shut-off feature may have been activated. Check if the preset target pressure has been reached. The motor may have overheated; allow it to cool down.

- **Weak airflow or slow inflation:** Check for obstructions in the hose or adapter. Ensure the battery is sufficiently charged or switch to 12V car power.

## 7. Care and Maintenance

- Store the inflator in a cool, dry place within the provided storage box.
- Periodically check the air hose and valve adapters for cracks or wear.
- Clean the exterior with a dry, soft cloth. Do not use chemicals or submerge in water.
- If not using for an extended period, charge the battery to approximately 50% every three months.
- Keep the air intake filter clean and free of dust and debris.

## 8. Warranty and Support

For warranty information, technical support, or to report an issue with the product, please contact the seller or manufacturer directly through your point of purchase.

### 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.