

Model: C219 / RC219

## 1. Overview



The KeenPower Digital Cordless Tire Inflator is a portable air compressor designed for inflating vehicle tires. It features a digital display, automatic shut-off, multiple inflation modes, and dual power supply options (battery and 12V DC).

**Primary Uses:** Inflating car, motorcycle, and bicycle tires.

## 2. Package Contents

- Smart Tire Inflator (Main Unit)
- 21V Rechargeable Lithium-Ion Battery
- Battery Charger
- 12V Car Adapter (Cigarette Lighter Plug)
- Handbag (Carrying Case)

Inspect all components for damage before use.

## 3. Key Features & Specifications

### 3.1 Physical Specifications

- **Material:** ABS Plastic
- **Item Weight:** 1.71 kg (3.76 lbs)
- **Package Dimensions:** 11.65 x 9.37 x 3.9 inches
- **Color:** Red

### 3.2 Performance Specifications

- **Maximum Pressure:** 160 PSI
- **Minimum Pressure:** 3 PSI
- **Air Flow:** 60 Liters per Minute
- **Noise Level:** 68 Decibels
- **Power Sources:**
  - 21V Rechargeable Lithium-Ion Battery (Included)
  - DC 12V Car Outlet (via included adapter)
- **Pressure Units:** PSI, Bar, kPa, kg/cm<sup>2</sup>

### 3.3 Display & Controls

The unit has a digital LCD screen that shows:

- Target (Preset) Pressure Value

- Current (Real-time) Pressure Value
- Selected Pressure Unit
- Selected Inflation Mode

Control buttons are used to set pressure and select modes.

### 3.4 LED Work Light

A built-in LED light on the inflator head provides illumination. It has three modes:

- **Steady Light:** Constant illumination.
- **Strobe:** Flashing light.
- **SOS:** Distress signal pattern.

## 4. Use Guide

### 4.1 Initial Setup & Power

1. **Charging the Battery:** Connect the battery to the provided charger and plug it into a standard wall outlet. Charge fully before first use.
2. **Installing the Battery:** Insert the charged 21V battery into the compartment on the inflator until it clicks into place.
3. **Using DC Power:** For extended use or if the battery is depleted, plug the 12V car adapter into your vehicle's cigarette lighter socket. Connect the other end to the DC input port on the inflator.

### 4.2 Understanding the Modes (4+N Smart Modes)

The inflator offers four preset inflation modes for common tire types and one manual mode.

- **Car Mode:** Default preset for standard car tires.
- **Motorcycle Mode:** Preset for motorcycle tires.
- **Bicycle Mode:** Preset for bicycle tires.
- **Ball Mode:** Preset for sports balls.
- **Manual (N) Mode:** Allows you to set any desired pressure between 3-160 PSI.

Use the mode button to cycle through the options.

### 4.3 Inflating a Tire

1. **Power On:** Press and hold the power button to turn on the inflator.
2. **Select Mode:** Press the mode button to select the appropriate preset (Car, Motorcycle, etc.) or Manual mode.

3. **Set Target Pressure (Manual Mode):** In Manual mode, use the "+" and "-" buttons to set your desired pressure. Refer to your vehicle's recommended tire pressure (usually found on the driver's door jamb or in the owner's manual).
4. **Attach Hose:** Remove the valve cap from the tire. Firmly press the inflator's nozzle onto the tire valve stem. Ensure a tight seal.
5. **Start Inflation:** The inflator will automatically begin. The LCD will show the current pressure rising.
6. **Automatic Shut-Off:** The unit will automatically stop when the target pressure is reached. A beep may sound.
7. **Disconnect:** Quickly remove the nozzle from the valve stem and replace the valve cap.
8. **Power Off:** Press and hold the power button to turn off the unit.

#### 4.4 Using the LED Light

Press the light button to cycle through the modes: Steady → Strobe → SOS → Off. The light is useful for working in low-light conditions.

#### Safety & Warnings:

- Do not exceed the maximum pressure rating of 160 PSI.
- Do not use the inflator continuously for more than 10 minutes. Allow it to cool down between uses.
- Only use the provided 21V battery and 12V car adapter.
- Keep the inflator away from water and excessive heat.
- Do not point the air nozzle at people, animals, or your own body.
- Check the tire valve and hose for leaks before relying on the automatic shut-off feature.

### 5. Care & Maintenance

- **Storage:** Store the inflator and components in the provided handbag in a cool, dry place.
- **Cleaning:** Wipe the exterior with a dry, soft cloth. Do not use liquids or abrasive cleaners.
- **Hose & Nozzle:** Keep the air hose and nozzle clean and free of debris. Inspect for cracks or damage periodically.
- **Battery Care:** For long-term storage, charge the battery to approximately 50% and store separately in a cool, dry place. Recharge every 3 months.

## 6. Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on.	Battery not installed, battery depleted, or DC cable not connected properly.	Ensure battery is fully charged and clicked into place. Check 12V adapter connection if using DC power.
Inflation is very slow or does not start.	Leak at tire valve connection, clogged nozzle, or low battery.	Re-seat the nozzle on the valve stem. Check nozzle for blockage. Charge or replace battery.
Unit does not auto shut-off.	Leak preventing target pressure from being reached, or sensor error.	Check for leaks at the valve and hose connections. Manually monitor pressure and stop the unit if necessary.
LCD screen is blank or dim.	Battery is critically low.	Recharge the battery or switch to DC 12V power.
Error code or flashing display.	Overheating or motor overload.	Turn off the unit immediately and allow it to cool down for at least 30 minutes.

## 7. Technical Details

- **Brand:** KeenPower
- **Model Name:** C219
- **Item Model Number:** RC219
- **UPC:** 768572144286
- **Batteries:** 1 x 21V Lithium-Ion rechargeable battery (included)
- **Date First Available:** November 22, 2023
- **Special Features:** Automatic Shut-Off, Cordless, Digital LCD Display, LED Light

### 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.