

## Overview

The KeenPower Tire Inflator is a portable, rechargeable air compressor designed for inflating tires on cars, motorcycles, and e-bikes. It features dual power supply modes and an automatic shut-off function.



## Features

### Dual Power Supply

The inflator can operate in two modes:

- **Cordless Mode:** Powered by the included 21V rechargeable lithium-ion battery.
- **Corded Mode:** Powered by plugging the included 12V DC car charger into a vehicle's power outlet (cigarette lighter socket).

## Digital Display and Controls

The unit has a digital screen for setting and monitoring pressure. It includes an automatic shut-off function that stops inflation when the preset pressure is reached.

## Built-in Flashlight

A multi-mode flashlight is integrated into the device, offering SOS, steady light, and strobe settings for use in low-light conditions.

## Battery with USB Output

The 21V battery features a QC3.0 USB output port, allowing it to charge mobile phones and other USB devices.

## Specifications

- **Brand:** KeenPower
- **Model Name:** C218Y / KPYC218
- **Maximum Pressure:** 160 PSI
- **Voltage:** 21V (Battery), 12V DC (Car Adapter)
- **Power Source:** Battery Powered (with corded backup)
- **Noise Level:** 78 Decibels
- **Hose Length:** 50 Centimeters
- **Material:** ABS
- **Item Weight:** 3.65 pounds
- **Product Dimensions:** 7 x 3 x 10.2 inches

## What's in the Box

- Tire inflator unit
- 21V Lithium-ion battery
- Battery charger (AC adapter)
- Car power adapter cable (12V DC)
- Storage bag
- Assorted nozzles

# Use Guide

## Initial Setup and Charging

1. Insert the 21V battery into the inflator.
2. To charge the battery, connect the included AC battery charger to the battery's charging port and plug it into a standard wall outlet. A full charge takes approximately one hour.
3. Ensure the battery is charged before first use for cordless operation.

## Inflating a Tire (Cordless Mode)

1. Power on the device using the power button.
2. Use the "+" and "-" buttons on the digital display to set your desired pressure (PSI). Refer to your vehicle's manual for the correct tire pressure.
3. Remove the valve cap from the tire and attach the appropriate nozzle from the hose to the tire valve stem securely.
4. Press the start button to begin inflation. The digital display will show the current pressure.
5. The inflator will automatically stop when the preset pressure is reached. A beep may sound.
6. Disconnect the hose from the valve stem and replace the valve cap.
7. Power off the device.

## Inflating a Tire (Corded Mode)

1. If the battery is low, you can use the corded mode. Ensure your vehicle's engine is running.
2. Plug the included 12V DC car adapter cable into the power port on the back of the inflator.
3. Plug the other end into your vehicle's 12V power outlet (cigarette lighter socket).
4. Follow steps 1-7 from the "Inflating a Tire (Cordless Mode)" section above.

## Using the Flashlight

Press the flashlight button to cycle through the modes: Steady Light -> Strobe -> SOS -> Off.

## Using the USB Output

Connect a standard USB cable from the QC3.0 port on the battery to your device (e.g., phone) to charge it. The inflator does not need to be turned on for this function, but the battery must have charge.

## Safety and Maintenance

- Do not use the inflator for large truck tires. It is intended for car, motorcycle, e-bike, and similar-sized tires.
- Do not operate the inflator continuously for extended periods. Allow it to cool down between uses as needed.
- Keep the air intake vents clear of obstructions.
- Store the device and accessories in the provided storage bag in a cool, dry place.
- Only use the provided charger and car adapter. Using incompatible chargers may damage the battery or cause a safety hazard.
- Check the tire valve and hose connection for leaks before inflating.

## Troubleshooting

### Device does not turn on:

- Ensure the battery is correctly inserted and charged.
- In corded mode, ensure the car adapter is firmly plugged into both the inflator and the vehicle's 12V outlet, and that the vehicle's engine is running.

### Inflation stops before reaching the set pressure:

- The motor may have overheated. Turn the device off and allow it to cool for 15-20 minutes before resuming.
- Check for a poor seal between the hose nozzle and the tire valve. Reattach it firmly.

### Pressure reading is inaccurate:

- Manually check the tire pressure with a separate gauge to verify. The inflator's sensor may require recalibration through a full power cycle (turning it off and on).

### 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.