



Image 1.1: The WORKSITE Tire Inflator Air Compressor with its included accessories, including the 20V battery, charger, and various nozzles.

2. PRODUCT FEATURES

- **Triple Power Supply:** Operates with 110V AC, 12V DC, or a 20V Lithium-ion battery for versatile use at home or outdoors.
- **High Pressure & High Flow Modes:** Easily switch between modes for inflating car/bike/motorcycle tires, sport balls (high pressure) or air rafts, air mattresses, floats (high flow).
- **Fast Inflation:** Equipped with dual powerful motors for quick inflation of standard car tires (0-36 PSI in 3-5 minutes).
- **Automatic Stop & Dual LED Lights:** Preset desired pressure for automatic shut-off. Two bright LED lights provide illumination for low-visibility conditions and emergencies.
- **Digital Pressure Gauge:** Provides accurate pressure readings.



Image 2.1: Illustration of the three power supply options: 20V Li-ion Battery, DC 12V, and AC 110V.

TWO MODES

Meet all your inflation needs



High Pressure Mode

For car/bike/motorcycle tires, sports balls, etc.



High Volume Mode

For air rafts, air mattress, floats, etc



Image 2.2: The two operational modes of the inflator: High Pressure Mode for tires and balls, and High Volume Mode for larger inflatables like air mattresses.

3. WHAT'S IN THE BOX

The package includes the following components:

- WORKSITE Air Compressor Tire Inflator
- 2.0Ah Lithium-ion Battery Pack
- Charger
- Ball Needle
- Schrader-Presta Valve Adaptor
- Nozzle Adaptor
- User Manual (this document)

4. SETUP

4.1 Charging the Battery

Before first use, fully charge the 20V Lithium-ion battery pack. Connect the charger to a 110V AC outlet

and insert the battery. The charging indicator lights will show the charging status. Ensure the battery is securely connected to the charger.

4.2 Powering the Unit

The inflator can be powered in three ways:

1. **20V Battery:** Insert the fully charged 20V Lithium-ion battery into the battery slot on the unit.
2. **12V DC (Car Power Outlet):** Connect the 12V DC power cord to the unit and then to your vehicle's 12V power outlet.
3. **110V AC (Household Outlet):** Connect the 110V AC power cord to the unit and then to a standard household electrical outlet.

5. OPERATING INSTRUCTIONS

5.1 General Operation

1. Ensure the unit is powered using one of the three methods described in Section 4.2.
2. Press the power button to turn on the unit. The digital display will illuminate.
3. Use the "UNIT" button to select your desired pressure unit (PSI, BAR, KPA).
4. Use the "+" and "-" buttons to set the target pressure.
5. Attach the appropriate nozzle or adapter to the item you wish to inflate.
6. Press the inflation button to start. The unit will automatically stop when the preset pressure is reached.

HIGH ACCURACY DIGITAL GAUGE



Image 5.1: The high-accuracy digital gauge displays the current and target pressure, allowing for precise inflation.

5.2 High Pressure Mode (for Tires, Balls)

This mode is suitable for items requiring higher pressure, such as vehicle tires, bicycle tires, motorcycle tires, and various sports balls.

1. Connect the high-pressure hose to the tire valve.
2. Select High Pressure Mode using the mode switch.
3. Set the desired PSI using the digital gauge.
4. Start inflation. The unit will stop automatically.



Image 5.2: The inflator in use, demonstrating its fast inflation capability for vehicle tires.



Image 5.3: An internal view highlighting the dual powerful motors responsible for fast inflation.

5.3 High Flow Mode (for Inflatables)

This mode is designed for items requiring high volume of air at lower pressure, such as air rafts, air mattresses, and pool floats. This mode also supports deflation.

1. Connect the high-volume hose to the inflatable.
2. Select High Flow Mode using the mode switch.
3. Start inflation/deflation as needed.

Your browser does not support the video tag.

Video 5.4: Demonstration of the WORKSITE Tire Inflator's capabilities, including inflating a basketball and a pool float, and inflating a car tire using the 12V DC power source.

5.4 LED Lights

The unit is equipped with two bright LED lights for illumination. These can be activated independently to assist in low-light conditions or during roadside emergencies.



Image 5.5: The inflator's dual LED lights providing illumination, useful for nighttime use or emergencies.

6. MAINTENANCE

- **Cleaning:** Wipe the unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is dry before storage.
- **Storage:** Store the inflator in a cool, dry place away from direct sunlight and extreme temperatures. Ensure all hoses and accessories are neatly stored in their designated compartments.
- **Battery Care:** For optimal battery life, store the battery in a partially charged state if not used for extended periods. Recharge periodically to prevent deep discharge.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; battery not charged; power cord not connected properly.	Check battery charge, ensure power cords are securely connected to the unit and power source.

Problem	Possible Cause	Solution
Inflator runs but no air comes out.	Hose kinked; nozzle blocked; incorrect mode selected.	Check hose for kinks, clear any blockages in the nozzle, ensure correct mode (High Pressure/High Flow) is selected.
Unit stops before reaching preset pressure.	Overheating; low battery.	Allow unit to cool down. Recharge or replace battery.
Inaccurate pressure reading.	Gauge calibration issue; poor connection to valve.	Ensure a tight seal with the valve. If issues persist, contact customer support.

8. SPECIFICATIONS

Specification	Value
Brand	WORKSITE
Model Number	WCAP328
Voltage	20 Volts (DC)
Power Source	Battery Powered, 12V DC, 110V AC
Noise Level	65 dB
Item Weight	6.61 Pounds
Product Dimensions	16.9"L x 6.5"W x 8.6"H
Air Flow Capacity	420 LPM
Tank Volume	3.5 Gallons
Included Battery	1 Lithium Ion battery (2.0Ah)

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official WORKSITE website or contact their customer service directly. You may also find additional resources and FAQs on the product's Amazon listing page.

A digital version of this user manual is available at:[WORKSITE User Manual \(PDF\)](#)