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WORKSITE 20V Cordless Tire Inflator Air Compressor

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Model: 20V Cordless Tire Inflator Air Compressor

Introduction

Thank you for choosing the WORKSITE 20V Cordless Tire Inflator Air Compressor. This manual provides essential information for the safe operation, setup, and maintenance of your new device. Please read it thoroughly before first use and keep it for future reference.

Safety Instructions

Always observe the following safety precautions to reduce the risk of injury or damage:

- Read all instructions carefully before operating the inflator.
- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate the inflator in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating the inflator. Distractions can cause you to lose control.
- Avoid accidental starting. Ensure the switch is in the off-position before connecting to a power source, picking up or carrying the inflator.
- Do not over-inflate tires or other items. Always check the manufacturer's recommended pressure.
- Disconnect the battery pack or power adapter from the inflator before making any adjustments, changing accessories, or storing the inflator.
- Store idle inflators out of the reach of children and do not allow persons unfamiliar with the inflator or these instructions to operate the inflator.
- Maintain the inflator. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the inflator's operation. If damaged, have the inflator repaired before use.
- Use the inflator and accessories in accordance with these instructions, taking into account the working conditions and the work to be performed.
- Do not expose the inflator to rain or wet conditions. Water entering the inflator will increase the risk of electric shock.
- Use only with specified battery pack and charger.

Package Contents

Verify that all items listed below are included in your package:

- WORKSITE Cordless Tire Inflator
- 20V Battery Pack
- 12V Car Power Adapter
- Battery Charger
- 3 Nozzle Adapters
- User Manual (this document)
- Tool Bag



Image: The WORKSITE 20V Cordless Tire Inflator shown with its 20V battery, 12V car power adapter, battery charger, three nozzle adapters, and a tool bag.

Setup

Charging the Battery

Before first use, fully charge the 20V battery pack. Connect the battery charger to a standard power outlet and then connect the battery pack to the charger. The indicator light on the charger will show the charging status. Once fully charged, disconnect the battery from the charger.



Image: A close-up view of the WORKSITE 20V Li-ion battery pack.

Attaching the Battery or 12V Adapter

- **For Cordless Operation:** Slide the charged 20V battery pack into the base of the inflator until it clicks securely into place.
- **For 12V DC Operation:** Insert the 12V car power adapter into the designated port on the inflator, then plug the other end into your vehicle's 12V accessory socket (cigarette lighter).



Image: Demonstrates connecting the inflator to a car's 12V DC socket and operating it with the 20V cordless battery.

Operating Instructions

Powering On and Setting Pressure

1. Ensure the inflator is connected to a power source (battery or 12V adapter).
2. Press the "On/Off" button to power on the digital display gauge.

3. Use the "+" and "-" buttons to set the desired target pressure. The unit of pressure (PSI, BAR, kPa) can be switched by pressing the "On/Unit" button briefly.
4. Connect the air hose to the item you wish to inflate.



Image: The digital display gauge on the inflator, illustrating the pressure preset and auto shut-off functionality.

Inflation Process and Auto Shut-Off

Once the desired pressure is set and the hose is connected, press the trigger to begin inflation. The inflator will

automatically stop when the preset pressure is reached, preventing over-inflation.



Image: A graphic illustrating the fast inflation capability of the WORKSITE inflator, showing a standard car tire inflating within 3-4 minutes.

Using the LED Light

The inflator is equipped with a bright LED light for use in low-light conditions or emergencies. To activate the LED light, press the dedicated light button (refer to the device for button location). Press it again to turn off.

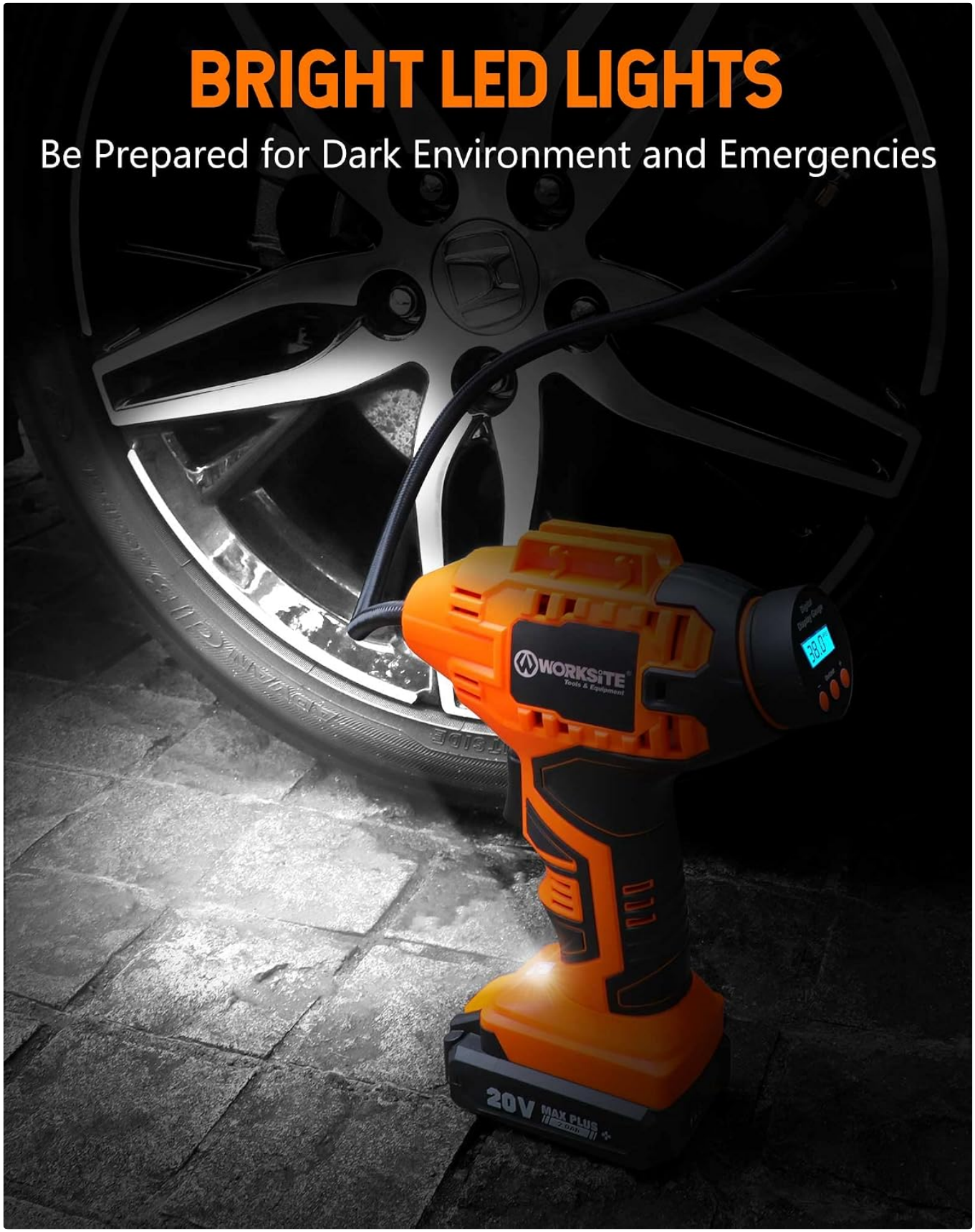


Image: The WORKSITE inflator's LED light brightly illuminating a car tire in a dark environment.

Multiple Use with Nozzle Adapters

The inflator comes with three different nozzle adapters to accommodate various inflation needs:

- **Presta Valve Adapter:** For bicycle tires with Presta valves.
- **Ball Needle:** For inflating sports balls (e.g., basketballs, soccer balls).
- **Wide Nozzle:** For inflatable toys, air mattresses, and other low-pressure, high-volume items.

To use an adapter, simply screw or push it onto the end of the air hose before connecting to the item to be inflated.



Image: A collage demonstrating the versatility of the inflator for vehicles, motorcycles, bicycles, and sports balls.

Maintenance

- **Cleaning:** Keep the inflator clean and free from dust and debris. Use a soft, damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inflator in a dry, cool place, away from direct sunlight and extreme temperatures. Ensure the

battery is removed if storing for extended periods. The compact design allows for easy storage.

- **Battery Care:** For optimal battery life, charge the battery fully before storing and recharge every 3-6 months if not in use.
- **Hose and Nozzles:** Inspect the air hose and nozzle adapters regularly for any signs of wear or damage. Replace if necessary.



Image: The WORKSITE inflator with dimensions highlighted, emphasizing its portable and easy-to-store design.

Troubleshooting

Problem	Possible Cause	Solution
Inflator does not turn on.	Battery not charged or improperly inserted. 12V adapter not properly connected.	Ensure battery is fully charged and securely inserted. Check 12V adapter connection in both the inflator and vehicle socket.
Inflator runs but no air comes out.	Air hose or nozzle blocked. Hose not securely attached.	Check for obstructions in the hose and nozzles. Ensure the hose is tightly screwed onto the inflator and the item to be inflated.
Inflator does not reach desired pressure.	Air leak in hose or connection. Target pressure set too high for the item.	Check all connections for leaks. Verify the target pressure is appropriate for the item being inflated.
Inflator stops prematurely.	Auto shut-off activated (reached preset pressure). Overheating.	Check the current pressure reading. If it matches the preset, inflation is complete. If not, allow the unit to cool down before resuming operation.

Specifications

Brand	WORKSITE
Model Name	20V Cordless Tire Inflator Air Compressor
Power Source	Battery Powered (20V Li-ion) / 12V DC Car Power Adapter
Voltage	12 Volts, 20 Volts
Recommended Uses	Tire Inflation (Cars, Bicycles, Motorcycles, Midsize Sedans, SUVs), Sports Balls, Pool Toys
Noise Level	65 Decibels
Special Feature	AC & DC Adaptable, Auto Shut-Off, Digital Display, LED Light
Item Weight	3.52 Pounds
Inflation Speed	35L/Min (Inflates 195/60 R14 tire in ~3 mins, 215/60 R16 tire in ~5 mins)

Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official WORKSITE website. Keep your purchase receipt as proof of purchase.
WORKSITE Official Store: Visit the WORKSITE Store on Amazon

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