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› Oasser Tire Inflator Portable Air Compressor User Manual

Oasser MS22C-203B

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Model: MS22C-203B

INTRODUCTION

Thank you for choosing the Oasser Portable Tire Inflator. This compact and powerful air compressor is designed for convenient and efficient inflation of various items, including car tires, motorcycle tires, bicycle tires, and sports balls. With its dual-display screen, multiple inflation modes, and auto shut-off function, it provides a reliable solution for maintaining optimal pressure. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure safe and effective use of your device.



Image: The Oasser Portable Tire Inflator, showcasing its compact design and the range of items it can inflate, including car tires, motorcycle tires, bicycle tires, and a basketball.

WHAT'S IN THE BOX

- Tire Inflator Air Pump
- 3m Car DC 12V Cord
- USB-Type C cable
- Air Hose 11.8inch
- Storage Bag
- 3 Nozzles (Air nozzle cone, Needle valve adapter, Presta to Schrader adapter)

Packing List



Image: A visual representation of all items included in the Oasser Tire Inflator package, such as the inflator unit, various cables, air hose, storage bag, and different nozzles.

KEY FEATURES

- 2X Faster Inflation:** Equipped with a 19-Cylinder Design and a built-in 6000mAh (2000mAh*3) rechargeable battery, this inflator delivers up to 20L/min airflow, significantly reducing inflation time. It can inflate a 195/65R15 tire from 30 to 36 PSI in approximately 1.27 minutes.

Fast Inflation

Accurate Real-time Tire Pressure Monitoring



Image: The Oasser inflator connected to a tire, with an overlay indicating a fast inflation time of 1.4 minutes for 26-36 PSI and an airflow of 20L/Min.

- **Dual-Screen Display:** Features a high-precision sensor and large dual digital LED screens that clearly display both real-time and preset pressures. It offers 4 smart inflation modes (car, motorcycle, bike, ball) plus a custom mode with an adjustable range of 3-150 PSI. Easily switch between PSI, KPA, BAR, and KG/CM² pressure units.

Dual-value Digital Display, Showing Real-time and Preset Values

5 modes to meet various inflation needs and personal preferences



Car: 26-50PSI



Bicycle: 30-120PSI



Motorcycle: 26-45PSI



Ball: 4-16PSI



Custom: 3-150PSI



Image: Close-up of the Oasser inflator's dual digital display, highlighting the real-time and preset pressure readings, along with icons for different inflation modes (car, motorcycle, bike, ball, custom).

- **Dual Power Supply & Reverse Charging:** Equipped with a rechargeable battery (fully charged in about 4 hours via USB-Type C cable). A 3-meter 12V DC car power supply cord is included for backup, ensuring operation even when the battery is depleted. The device also functions as a power bank for urgent phone charging.

Powerful Battery Life

Battery Capacity: 2000mAh x 3



 **X9**
Car Tires

 **X18**
Motorcycle
Tires

 **X26**
Bicycle Tires

 **X54**
Basketball

Image: The Oasser inflator next to various vehicles and a basketball, illustrating its powerful battery capacity and the number of items it can inflate on a single charge.

3M Long Cigarette Lighter Cable

Easy to reach all 4 tires



Image: The Oasser inflator connected to a car's cigarette lighter socket via its 3-meter long cable, demonstrating its ability to reach all four tires.

Equipped with Output Function

Serves as a power bank to prepare for road trips or emergencies



Image: The Oasser inflator connected to a smartphone via a USB cable, illustrating its power bank functionality.

- **Auto Shut-Off Function:** Automatically stops inflation once the desired pressure is reached, preventing over-inflation. The device also shuts off after 90 seconds of standby to conserve battery. (Note: Incompatible with heavy-duty tires like those on off-road vehicles, RVs, trucks, and trailers.)
- **Multifunctional LED Light:** Features a top-mounted LED light with three modes (constant light, 0.8s slow flash, 0.4s fast flash) for use in dark conditions, changing tires, or alerting other vehicles at night.

3 Modes LED Light

No hassle in the dark, easy to deal with emergencies



Image: The Oasser inflator with its LED light illuminated, showing the three different light modes (constant, slow flash, fast flash) for various emergency situations.

- **Hidden Storage Design:** A convenient hidden compartment on the back of the unit allows for easy storage of the 3 air nozzles, preventing loss.

Built-In Hidden Storage

Secure small parts



Image: A close-up view of the Oasser inflator's built-in hidden storage compartment, showing the neatly stored air nozzles.

SETUP

Before first use, ensure the device is fully charged. Connect the USB-Type C cable to the inflator and a compatible 5V/2A USB power adapter (not included). The battery indicator will show charging status.

Initial Setup and Connection:

1. **Connect Air Hose:** Connect the air hose to the top port of the inflator. Ensure it is securely screwed in.
2. **Attach to Valve:** Select the appropriate nozzle if needed (e.g., for bikes or balls) and firmly attach the air hose nozzle to the tire valve core. For car tires, simply clamp the nozzle onto the valve stem.
3. **Power On:** Press and hold the power button (usually the central button) for 3 seconds to turn on the device. The dual-display screen will illuminate.

Inflation Steps



1. Connect the air hose and clamp the nozzle to the tire valve core.



2. Press and hold “  ” for 3s to power on.



3. Set pressure unit and value.



4. Short press “  ” to inflate.

Image: A four-panel diagram illustrating the inflation steps: 1. Connecting the air hose to the valve, 2. Pressing the power button to turn on, 3. Setting pressure unit and value, 4. Short pressing to inflate.

OPERATING INSTRUCTIONS

Selecting Inflation Mode and Setting Pressure:

- Choose Mode:** Short press the 'M' button (mode button, often indicated by an icon) to cycle through the preset inflation modes: Car, Motorcycle, Bicycle, Ball, and Custom. Each mode has a recommended pressure range.
- Set Pressure Unit:** Short press the 'U' button (unit button) to switch between pressure units: PSI, KPA, BAR, and KG/CM².
- Adjust Target Pressure:** Use the '+' and '-' buttons to increase or decrease the desired target pressure. The preset value will flash while adjusting.
- Start Inflation:** Once the desired pressure is set, short press the power button (central button) to begin inflation. The real-time pressure will be displayed and increase as the item inflates.
- Auto Shut-Off:** The inflator will automatically stop once the set target pressure is reached.
- Manual Stop:** To stop inflation manually at any time, short press the power button again.

Using the LED Light:

Short press the light button (indicated by a light bulb icon) to cycle through the LED light modes:

- Constant Light
- 0.8s Slow Flash (SOS signal)
- 0.4s Fast Flash (Warning light)

Press the button again to turn off the light.

Using as a Power Bank:

Connect your electronic device (e.g., smartphone) to the USB output port (5V/2A) on the inflator using a compatible USB cable. The inflator will begin charging your device.

MAINTENANCE

- **Charging:** It is recommended to fully charge the pump before every use to ensure optimal performance and battery longevity.
- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inflator and its accessories in the provided storage bag in a cool, dry place away from direct sunlight and extreme temperatures. Utilize the hidden storage compartment for the nozzles.
- **Air Hose Care:** Ensure the air hose is not kinked or damaged during storage or use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on.	Low battery or not charged.	Charge the device fully using the USB-Type C cable. If battery is depleted, use the 12V DC car cord.

Problem	Possible Cause	Solution
Inflation is slow or not working.	Air hose not securely connected; nozzle not properly attached to valve; item being inflated is too large (e.g., heavy-duty truck tires).	Ensure all connections are tight. Verify the nozzle is correctly attached to the valve. Note that the device is not compatible with heavy-duty tires.
Inflator stops before reaching target pressure (for large items like pool floats).	Automatic shut-off after 90 seconds of continuous operation without significant pressure increase (safety feature).	Restart the inflator by pressing the power button. This is normal behavior for items that take longer to inflate.
Inaccurate pressure reading.	Sensor calibration issue or improper connection.	Ensure the hose is tightly connected to both the inflator and the valve. If issues persist, contact customer support.
Device overheats.	Prolonged continuous use.	Allow the device to cool down for a period before resuming use. The device has overheat protection and will shut itself off.

SPECIFICATIONS

Specification	Detail
Brand	Oasser
Model Number	MS22C-203B
Power Source	Battery Powered (6000mAh rechargeable) / 12V DC Car Cord
Voltage	12 Volts (DC)
Maximum Operating Pressure	150 PSI
Air Flow Capacity	20 LPM
Hose Length	11.8 Inches
Item Weight	1.7 Pounds
Product Dimensions	2.87"L x 1.8"W x 7.28"H
Noise Level	80 dB
Special Features	Dual Displays, Automatic Shut-Off, LED Light, Reverse Charging Function, Hidden Nozzle Storage

WARRANTY AND SUPPORT

Oasser products are designed for reliability and performance. For any questions regarding the use, maintenance, or troubleshooting of your Oasser Tire Inflator, please contact the seller directly. They are committed to responding to inquiries within 24 hours to provide assistance and support.

Please refer to your purchase documentation for specific warranty details and terms applicable to your region.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question