

1. Overview



The Oasser P6 is a portable, electric air compressor designed for inflating tires and other inflatables. It is powered via a 12V DC vehicle cigarette lighter socket and features a digital LCD screen for pressure monitoring, an automatic shut-off function, and a built-in LED work light.

This manual provides instructions for safe operation, maintenance, and troubleshooting.

2. Specifications

- **Model:** P6

- **Brand:** Oasser
- **Voltage:** 12V DC
- **Current:** 10A
- **Maximum Pressure:** 150 PSI
- **Maximum Air Flow:** 25 LPM
- **Pressure Gauge Accuracy:** ± 0.5 PSI
- **Power Cord Length:** 3 meters
- **Air Hose Length:** 20.87 inches (approx. 53 cm)
- **Noise Level:** 65 Decibels
- **Working Temperature:** -20°C to +60°C
- **Weight:** 2.36 pounds (approx. 1.07 kg)
- **Display Units:** PSI, KPA, BAR, KG/CM²

3. Package Contents

- Oasser P6 Air Compressor Unit (1)
- Power Cord with Cigarette Lighter Plug (1)
- Air Hose with Chuck (1)
- Nozzle Adapters (3)
- User Manual (1)

4. Features & Controls



4.1 Control Panel

- **LCD Digital Display:** Shows current and preset tire pressure values.
- **"M" (Mode/Unit) Button:** Cycles through available pressure units (PSI, BAR, KPA, KG/CM²). Also used to confirm a preset value.
- **"+" and "-" Buttons:** Used to increase or decrease the preset pressure value.
- **Power/Air Pump Switch:** The main switch to start and stop the inflation process.

4.2 LED Work Light

A bright, independent LED light is integrated into the unit to provide illumination for nighttime or low-light use.

4.3 Automatic Shut-Off

The compressor will automatically stop when the measured tire pressure reaches the preset value.

5. Use Guide

5.1 Initial Setup

1. Ensure your vehicle's engine is running to prevent battery drain.
2. Plug the compressor's power cord firmly into your vehicle's 12V cigarette lighter socket.
3. The LCD display will activate. Confirm the displayed pressure value is "0".

5.2 Connecting to a Tire or Inflatable

1. Remove the valve cap from the tire's Schrader valve.
2. Firmly press the air hose chuck onto the valve stem. Ensure it is locked in place to prevent air leaks.
3. For inflatables like sports balls or toys, select and attach the appropriate nozzle adapter to the end of the air hose before connecting.

5.3 Setting the Desired Pressure

1. Press the "M" button to select your preferred pressure unit (e.g., PSI for car tires).
2. Use the "+" and "-" buttons to set your desired pressure value. The value will flash during setting.
3. The display will automatically confirm the setting after a few seconds, or you can press the "M" button to confirm immediately.

5.4 Inflating

1. Press the main Power/Air Pump switch to begin inflation.
2. The compressor will run and the display will show the rising pressure in real-time.
3. **Automatic Stop:** The compressor will stop automatically when the preset pressure is reached.
4. **Manual Stop:** To stop inflation at any time, press the Power/Air Pump switch again.

5.5 Completion

1. Quickly disconnect the air hose chuck from the valve.
2. Replace the valve cap on the tire.
3. Unplug the power cord from the cigarette lighter socket.
4. Allow the compressor to cool before storing.

Warning: The compressor and air hose may become hot during use. Handle with care to avoid burns.

6. Maintenance & Storage

- Store the compressor in a clean, dry place.
- Keep the air intake vents clear of obstructions.
- Do not immerse the unit in water or other liquids. Wipe clean with a dry cloth if necessary.
- Inspect the power cord and air hose for damage before each use.
- Do not attempt to disassemble or repair the unit yourself.

7. Troubleshooting

- **Unit does not power on:** Check that the vehicle's engine is running. Ensure the power cord is fully inserted into a working 12V socket.
- **Compressor runs but does not inflate / Air leaks:** Ensure the air hose chuck is securely and correctly attached to the valve stem. Check that the correct adapter is used for non-tire inflatables.
- **Display shows inaccurate pressure:** The unit has a self-calibrating sensor. Ensure the display reads "0" before connecting to a tire. If issues persist, the internal gauge may be used for relative measurement; verify final pressure with a separate, high-quality tire gauge.
- **Unit stops unexpectedly (Overheating):** The compressor has a thermal protection feature. If used continuously for an extended period, it may shut off to prevent damage. Allow it to cool completely before attempting to use it again.

Warning

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