

ETENWOLF VORTEX S6, ZEPHYR S3

ETENWOLF VORTEX S6 and ZEPHYR S3 Portable Tire Inflator User Manual

Model: VORTEX S6, ZEPHYR S3

1. INTRODUCTION

Thank you for choosing the ETENWOLF VORTEX S6 and ZEPHYR S3 Portable Tire Inflators. These devices are designed to provide efficient and reliable inflation for various items, including vehicle tires, bicycles, balls, and air mattresses. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your product.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using the tire inflator. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Keep Away from Children:** This device is not a toy. Keep it out of reach of children.
- **Proper Ventilation:** Operate the inflator in a well-ventilated area.
- **Avoid Over-inflation:** Always check the recommended pressure for the item being inflated to prevent over-inflation, which can cause bursting and injury.
- **Heat Generation:** The inflator may become hot during prolonged use. Allow it to cool down before handling or storing.
- **Power Source:** Use only the specified charging cables and power adapters.
- **Storage:** Store the inflator in a dry, cool place away from direct sunlight and extreme temperatures.
- **Do Not Modify:** Do not attempt to disassemble or modify the device. Repairs should only be performed by qualified personnel.
- **Check Hoses and Connections:** Ensure all hoses and connections are secure before operation.

3. PRODUCT OVERVIEW

The ETENWOLF VORTEX S6 and ZEPHYR S3 portable tire inflators feature a compact design with an integrated

digital display and intuitive controls.

VORTEX S6 Components

- Digital Display Screen
- Control Buttons (Power, Mode, Unit, +/- for pressure adjustment)
- Air Hose Connection Port
- LED Light
- Charging Port



Figure 3.1: Side view of the ETENWOLF VORTEX S6 Portable Tire Inflator, showing its compact design and air hose connection.



Figure 3.2: Top view of the ETENWOLF VORTEX S6 Portable Tire Inflator, highlighting the digital display and control buttons.

ZEPHYR S3 Components

- Digital Display Screen (central circular display)
- Control Buttons (START/PAUSE, LIGHT, MODE, UNIT)
- Air Hose Connection Port
- Charging Port



Figure 3.3: The ETENWOLF ZEPHYR S3 Portable Tire Inflator in use, connected to a vehicle tire, demonstrating its compact size and digital display.

4. SETUP

1. **Initial Charge:** Before first use, fully charge the inflator using the provided charging cable. The battery indicator on the display will show charging status.
2. **Attach Air Hose:** Screw the air hose securely into the air hose connection port on the inflator.
3. **Power On:** Press and hold the power button (or START/PAUSE button for S3) to turn on the device. The digital display will illuminate.

5. OPERATING INSTRUCTIONS

5.1 General Inflation Procedure

1. **Connect to Item:** Attach the nozzle of the air hose firmly to the valve stem of the item you wish to inflate. Ensure a tight seal to prevent air leakage.
2. **Select Pressure Unit:** Press the 'UNIT' button to cycle through available pressure units (PSI, BAR, KPA) until your desired unit is displayed.

3. **Set Target Pressure:** Use the '+' and '-' buttons to adjust the target pressure. The display will show the current pressure and the set target pressure.
4. **Start Inflation:** Press the 'START/PAUSE' button to begin inflation. The inflator will automatically stop once the target pressure is reached.
5. **Disconnect:** Once inflation is complete and the device has stopped, quickly disconnect the air hose from the item. A small amount of air may escape during disconnection.

5.2 Preset Modes

The inflator features four preset modes for common inflation tasks. Press the 'MODE' button to cycle through these presets:

- **Car Mode:** Optimized for standard vehicle tires.
- **Motorcycle Mode:** Suitable for motorcycle tires.
- **Bicycle Mode:** For bicycle tires.
- **Ball Mode:** For sports balls.

You can adjust the target pressure within each preset mode if needed. The device will remember your last set pressure for each mode.

5.3 Auto-Stop Function

Both the VORTEX S6 and ZEPHYR S3 models are equipped with an auto-stop feature. Once the set target pressure is reached, the inflator will automatically power off, preventing over-inflation and ensuring precise pressure.

AUTO STOP

When Reached to the Target Pressure

- 160 psi max
- 4 preset modes
- 3 units
- Preset pressure



Figure 5.1: The ETENWOLF VORTEX S6 demonstrating its auto-stop feature upon reaching the target pressure, shown on the digital display.

5.4 Versatility and Compatibility

The ETENWOLF inflators are designed for a wide range of applications. The VORTEX S6 is suitable for heavy-duty vehicles, while the ZEPHYR S3 is ideal for passenger cars and light-duty pickups.

PROFESSIONAL TIRE INFLATOR

THERE'S ONE FOR YOU













					
 BALL	✓	✓	 COMPACT SUV	✓	✓
 BIKE	✓	✓	 MID-SIZE SUV	✓	✓
 MOTORCYCLE	✓	✓	 FULL-SIZE SUV	✓	✗
 SEDAN	✓	✓	 PICKUP	✓	✗

Figure 5.2: Compatibility chart illustrating which ETENWOLF inflator model (VORTEX S6 or ZEPHYR S3) is recommended for various item types, including balls, bikes, motorcycles, sedans, SUVs, and pickups.

Both models can inflate balls, bicycles, and air mattresses. The VORTEX S6 is also suitable for pool floats. **Note:** These inflators are not designed for SUPs (Stand-Up Paddleboards).



Figure 5.3: The ETENWOLF inflator being used to inflate various low-pressure objects such as pool floats and air mattresses, demonstrating its high volume mode capability.

5.5 Inflation Performance

The inflators offer fast inflation times. For example:

Inflate Your Car IN ONE MINUTE

	Tire Size	PSI	Time	Qty
	235/55 R20(30")	30-35psi	1.5 min	14 tires on full charge
	235/45 R18 (26")	30-35 psi	1 min	20 tires on full charge
	180/70 R16	30-40 psi	1 min	20 tires on full charge

Figure 5.4: Chart detailing inflation times and battery capacity for different tire sizes and PSI ranges, showcasing the efficiency of the ETENWOLF inflators.

5.6 LED Light Function

Press the 'LIGHT' button to turn on the integrated LED light. This is useful for operating the inflator in low-light conditions or as an emergency light.

6. CHARGING

Both models are battery-powered for cordless operation. The VORTEX S6 has a 19200mAh battery. To charge, connect the provided charging cable to the charging port on the inflator and to a suitable power source. The battery indicator on the display will show the charging progress.



Figure 6.1: The ETENWOLF ZEPHYR S3 inflator connected to a tire, highlighting its long-lasting battery capacity for extended use.

7. MAINTENANCE

- **Cleaning:** Wipe the exterior of the inflator with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the device is off and disconnected from any power source before cleaning.
- **Air Hose:** Inspect the air hose regularly for any signs of wear, cracks, or damage. Replace if necessary.
- **Storage:** Store the inflator in its original packaging or a protective case in a cool, dry place. Ensure the battery is partially charged (around 50-70%) before long-term storage to maintain battery health. The device features dual IC protection, allowing it to remain functional even after 2 years of idle storage.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Recharge when the battery level is low.

DUAL IC PROTECTION FUNCTIONAL AFTER 2 YEARS IDLE

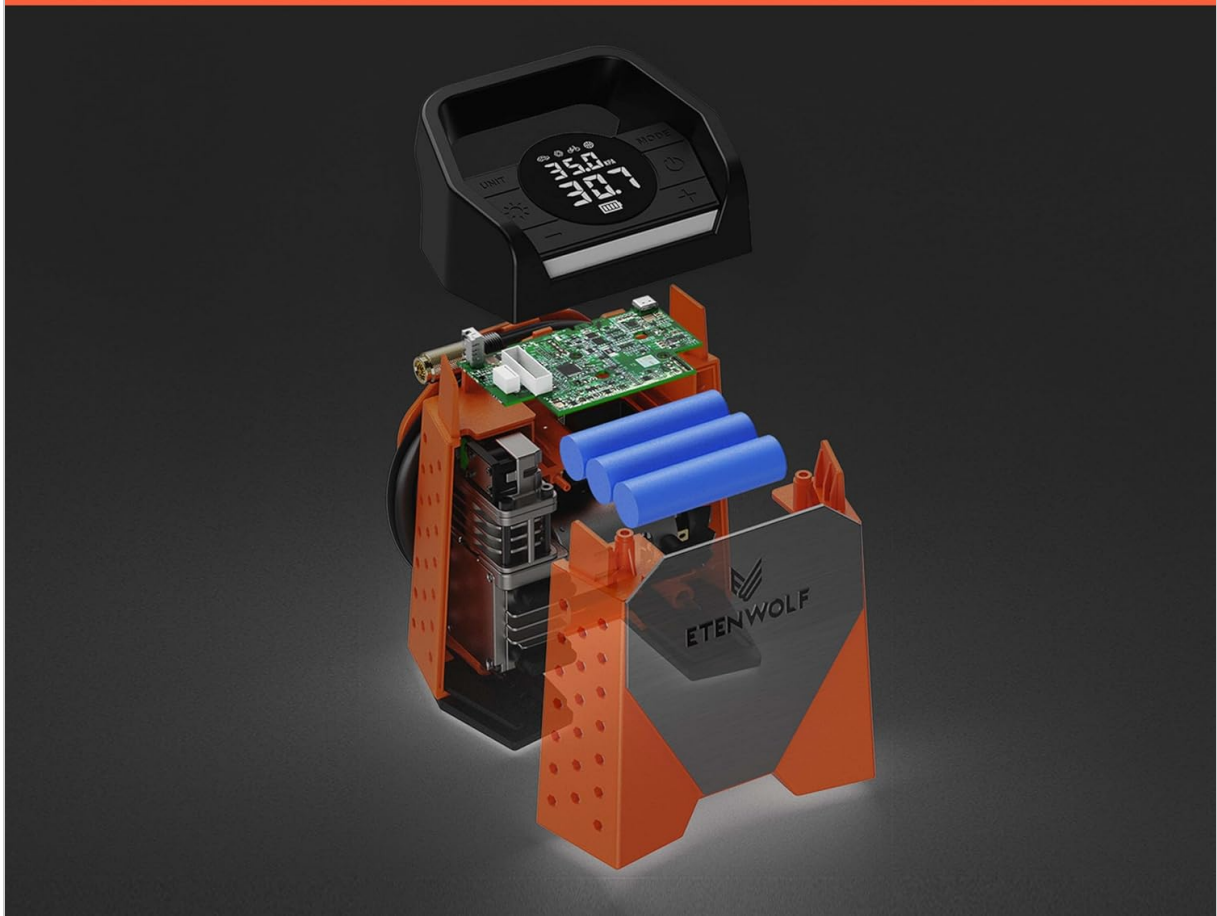


Figure 7.1: An internal view of the ETENWOLF inflator, illustrating the dual IC protection system designed to maintain functionality even after extended periods of inactivity.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on.	Low battery. Device not powered on correctly.	Charge the battery. Press and hold the power button for a few seconds.
Inflator runs but no air comes out.	Air hose not securely attached. Nozzle not properly connected to valve.	Ensure air hose is tightly screwed in. Re-attach nozzle firmly to the valve stem.
Inaccurate pressure reading.	Loose connection. Sensor issue.	Ensure nozzle is tightly connected. If issue persists, contact customer support.
Inflator stops prematurely.	Target pressure reached (auto-stop). Low battery. Overheating.	Check target pressure setting. Recharge battery. Allow device to cool down.

9. SPECIFICATIONS

Feature	Specification
Brand	ETENWOLF
Model Names	VORTEX S6, ZEPHYR S3
Recommended Uses	Tire Inflation (vehicles, bikes), Balls, Air Mattresses, Pool Floats (S6)
Power Source	Battery Powered
Special Features	Cordless, Portable, Auto-Stop, Preset Modes, LED Light
Maximum Power	0.2 Horsepower
Air Flow Capacity (VORTEX S6)	1.5 CFM @ 0 PSI (42 L/Min @ 0 PSI)
Air Flow Capacity (ZEPHYR S3)	1.25 CFM @ 0 PSI (35 L/Min @ 0 PSI)
Maximum Pressure	160 PSI
Gauge Accuracy	+/- 1 PSI
Battery Capacity (VORTEX S6)	19200 mAh
Duty Cycle	100%

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact ETENWOLF customer service through the official website or your point of purchase. Please have your product model and purchase date available when contacting support.