

1 Usage information

Read these operating instructions carefully before using the VoltPump and observe the safety instructions! Keep these instructions for later use. You can also download them from <https://www.4smarts.com>

2 Safety Precautions

- During operation, the air hose and connection points may become hot due to extended use. Be cautious when unscrewing the hose to avoid burns.
- The VoltPump is not a toy and must not be used by children. It is recommended for users aged 16 and above. Keep children at a safe distance from the VoltPump during inflation.
- Use the VoltPump in a dry and clean environment to prevent moisture, mud, and sand from entering the device or causing it to fail.
- The VoltPump contains a built-in DC motor that can produce electrical sparks during operation. Do not use it in flammable or explosive environments.
- If you hear any unusual noises or notice excessive heat during operation, turn off the device immediately.
- Before setting the air pressure, make sure the correct unit and target value are selected, and that the target value matches the object being inflated. Otherwise, accidents such as ball or tire bursts may occur.
- Common unit conversions: 1 bar = 14.5 psi | 1 bar = 100 kPa | 1 bar = 1.02 kg/cm²
- The storage temperature of the VoltPump should be between -10°C and +50°C. Exposure to extreme temperatures can shorten the lifespan or damage the VoltPump.
- This VoltPump contains a built-in, non-removable lithium battery. Do not throw the pump into fire or dispose of it improperly. Overheating, impact, or water ingress can cause fire, self-ignition, or explosion. Avoid using or storing it in high-temperature environments, such as inside a car.
- The VoltPump is not suitable for inflating large or heavy-duty vehicle tires, such as those on trucks or lorries.
- Do not leave the area while inflating. Always monitor the inflation process to prevent over-inflation. Aufblasvorgang, um zu verhindern, dass der Aufblasdruck nicht zu hoch ist.

3 Technical Specifications

Battery: Li-Ion

Battery capacity: 2x2000mAh , 7.4V

Charging time: 3-4h

Air volume: 25l/min

TYPE-C Charging: 5V/2A (10W)

Rated Power: 60W

Piston Size:15mm

Operating Temperature for Inflation: -10°C to +45°C

Maximum Air Pressure: 150psi

LED illumination: 0.05W

4 Scope of delivery

1x VoltPump air pump

1x Balloon adapter

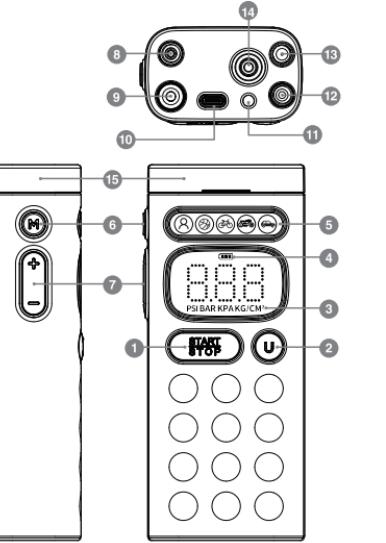
1x Air hose

1x Type-C charging cable

1x Ball needle

1x Bicycle adapter (French valve)

5 Function Notes



1 START/STOP BUTTON

Turning the device on/off / Starting and stopping the pumping process

Press and hold the button to turn the VoltPump on or off.

Press the button briefly to start or stop the pumping process.

By default, the VoltPump starts in bicycle mode the first time it is turned on. If you change the mode using the M button (6), the selected mode will be saved and remain active the next time you turn on the VoltPump.

2 U-BUTTON

Turning the light on/off / Switching pressure units

Press the button briefly to turn the light (11) on or off.

Press and hold the same button to switch between pressure units.

The currently selected unit is shown on the display (3). Each long press cycles to the next unit.

3 DISPLAY OF PRESSURE UNITS

This shows the selected pressure unit. The available units are: psi, bar, kPa, kg/cm².

4 BATTERY STATUS DISPLAY

This shows the current battery level.

5 OPERATING MODE DISPLAY

This shows the current operating mode. The modes from left to right are:

- Custom: Default value 35 psi (2.4 bar)
- Bike: Default value 8 psi (0.6 bar)
- Bicycle: Default value 45 psi (3.1 bar)
- Motorcycle: Default value 39 psi (2.7 bar)
- Car: Default value 36 psi (2.5 bar)

6 SWITCHING OPERATING MODES

Press the button briefly to switch between modes. The selected mode is shown on the display (5).

7 INCREASING OR DECREASING THE PRESSURE VALUE

Press and hold the [+] button on the rocker switch to increase the pressure value. Press and hold the [-] button on the rocker switch to decrease the pressure value. Adjustable pressure ranges: psi: 2.0 – 150 | bar: 0.1 – 10.3 | kPa: 10 – 990 | kg/cm²: 0.10 – 10.5

8 STORAGE AND TYPES OF VALVES / NOZZLES

The nozzles or valve adapters are stored upside down inside the VoltPump. Depending on your needs, take out the appropriate nozzle or adapter and connect it directly to the air outlet (14) or to the hose (9). The protruding thread of each nozzle or adapter is the part that must be screwed into (9) or (14). Not all nozzles need to be or can be screwed in completely to the end of the thread.

9 AIR HOSE

The air hose is also stored inside the VoltPump. Take it out completely and screw the silver end into the air outlet (14). You can then screw the nozzles (08), (12), or (13) into the free end of the hose. When you no longer need the hose, wait until it has cooled down, unscrew it from the air outlet, remove all attachments or valves, and store it in the designated compartment in the VoltPump (9).

10 USB-C PORT

CHARGE THE VOLTPUMP PROPERLY

To extend the lifespan of your VoltPump, we recommend charging it as soon as possible after first receiving it. Do not use it until it is fully charged. Before first use, fully charge the VoltPump. Connect the included USB charging cable to a compatible charger (10W) to begin charging. While charging, the battery level will be shown on the display. Charging is complete when the display shows 100. You can then disconnect the charging cable and use the air pump as described.

11 LIGHT

Press the U-button (2) briefly to turn the light on or off.

12 AIR OUTLET

This is where the compressed air comes out of the VoltPump. Screw the air hose (9) or the appropriate valve adapters/nozzles (8), (12), (13) into the outlet in the correct orientation and use the air pump as intended. When you're finished, unscrew (8), (9), (12), and (13) and store them in their designated compartments on the top side of the VoltPump.

13 DISPLAY SHOWS "E-1" AND THE DEVICE THEN SHUTS OFF AUTOMATICALLY

The smart inflator features incorrect inflation protection. If the hose pressure remains at "0" during inflation, "E-1" will appear for approx. 2 seconds after about 7 minutes and the device will shut off automatically. After restarting, the device will function again normally. This behavior is expected and not a sign of malfunction.

15 FOLDABLE PROTECTIVE COVER

The cover can be easily flipped open to access the valves or needles stored inside the VoltPump. When you no longer need them, place them back in their compartment and close the cover. You can also keep the cover closed while inflating tires, as the hose fits through the cutout in the cover. Close the cover first, then screw the hose (9) into the air outlet (14).

6 Troubleshooting

Inflation speed is low

- Check if the hose is leaking.
- Check if the inflated object is leaking.
- Check if the battery is fully charged.
- Check if both ends of the hose and their connectors are tightly secured and if there are any leaks.
- If inflating tires, check whether the vehicle is heavily loaded.

The device is turned on but does not inflate

- Check if the hose is properly connected.
- Check if the battery is sufficiently charged.
- Check if the current tire pressure of the inflated object is higher than the preset target value of the VoltPump.

Unable to set the preset pressure

Check if you're in the wrong inflation mode. Select the custom mode to set a pressure value between 2–150 psi.

Inflates normally, but the pressure reading is zero

- Check if the hose is properly connected.
- Balloons and other low-pressure inflatable items may be outside the measurable range of the device.

The VoltPump shuts off automatically

- The device automatically shuts off after approx. 1 minute of inactivity.
- When the battery level is low, the device shuts off automatically.

Battery indicator does not light up after charging

Replace your safe and compliant charger and the original charging cable to recharge the device.

Battery level during charging differs from standby display

Lithium-ion batteries experience voltage drops during charging and discharging. When the battery is idle, the voltage recovers. This can result in inconsistent battery level displays. This is a normal phenomenon and not considered a defect.

The screen displays "H-1" and none of the buttons work except the power button

The internal temperature of the VoltPump is too high, activating the high-temperature protection function. In this state, all buttons are temporarily deactivated except the power and light buttons. Please turn off the device or wait until the smart air pump cools down to a safe temperature before using it again. This is normal and does not indicate a defect.

The display shows "E-1" and the device then shuts off automatically

The smart inflator features incorrect inflation protection. If the hose pressure remains at "0" during inflation, "E-1" will appear for approx. 2 seconds after about 7 minutes and the device will shut off automatically. After restarting, the device will function again normally. This behavior is expected and not a sign of malfunction.

7 Maintenance and Care

Use only dry, soft cloths for cleaning.

Avoid using moisture to prevent damage to the VoltPump or cable.

- Always store the VoltPump and cable in dry places and away from liquids to prevent short circuits or corrosion.
- Do not use sharp or chemical cleaners. Such substances can damage the material of the VoltPump or cable and reduce their lifespan.

8 Warranty

4smarts GmbH accepts no liability or warranty for damages resulting from improper installation, assembly, or misuse of the product or failure to observe the user manual and/or safety instructions.

9 Environmental Protection Notice

From the time of implementation of the European directives 2012/19/EU and 2006/66/EC into national law, the following applies:

Electrical and electronic devices as well as batteries must not be disposed of with household waste. The consumer is legally obliged to return electrical and electronic devices as well as batteries to designated public collection points or the point of sale at the end of their life. Details are regulated by the respective national law. The symbol on the product, the user manual, or the packaging indicates these regulations. By recycling, material recovery, or other forms of disposal of old devices/batteries, you make an important contribution to protecting our environment.

10 Service and Support

For defective products or issues during installation, please contact your retailer or the 4smarts product support at <https://www.4smarts.com/contact>

Service Hotline

Monday – Friday: 9 AM – 5 PM

+49(0)821 2070844

Email: customer-service@4smarts.com

11 Declaration of Conformity

Hereby, 4smarts GmbH declares that this product complies with the essential safety requirements and other relevant regulations. For more information on the Declaration of Conformity, please visit <https://www.4smarts.com>

Thanks for buying our product! We at 4smarts are sure it will serve you well. Follow us on social media for news, customer support and to win great prizes. See you there!



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