

ROCKBROS 42320008001/USA

ROCKBROS Mini Electric Bicycle Pump (Model 42320008001/USA) Instruction Manual

Your compact solution for on-the-go tire inflation.

1. INTRODUCTION

Thank you for choosing the ROCKBROS Mini Electric Bicycle Pump. This portable and efficient device is designed to provide quick and reliable tire inflation for various bicycles, including road and mountain bikes. Its compact size and versatile valve compatibility make it an essential tool for every cyclist.

Key Features:

- **Mini Size & Portable:** Weighing only 97g and measuring 64x56x28mm, this pump is designed for easy transport in a backpack or pocket.
- **100 PSI High Pressure:** Equipped with a high-performance chip, it can inflate tires up to 100 PSI rapidly.
- **Fast Charging:** Fully charges in approximately 25 minutes via Type-C USB.
- **Presta & Schrader Valve Compatibility:** Easily switch between Presta and Schrader valves without additional tools.
- **Silicone Protector:** Includes a silicone case for enhanced protection against scratches and impacts.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- ROCKBROS Mini Electric Bicycle Pump
- USB Type-C Charging Cable
- Presta Thimble
- Sealing Part
- Silicone Case

FITS PRESTA & SCHRADER VALVES

Default fit Presta Valves

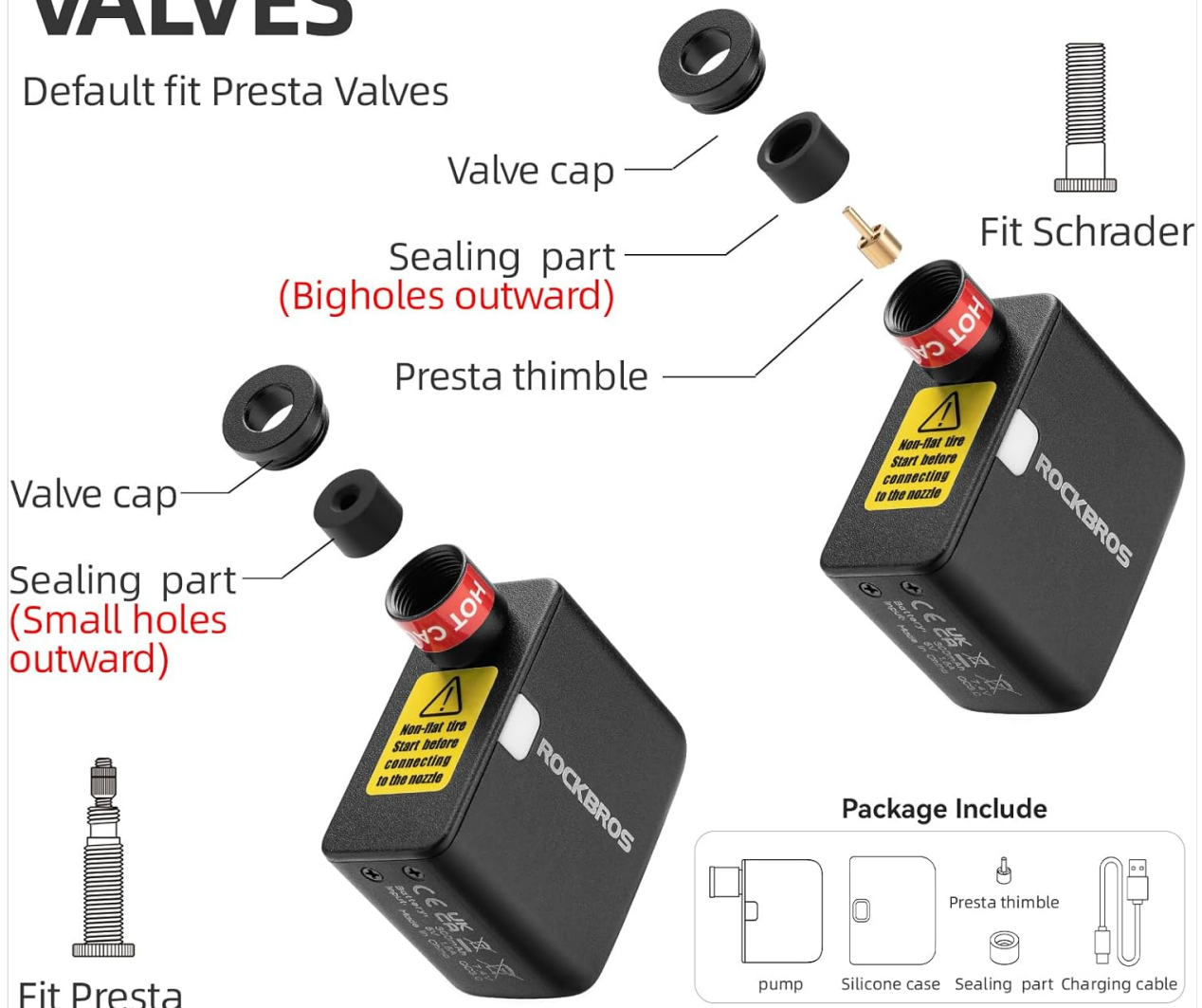


Image: Package contents of the ROCKBROS Mini Electric Bicycle Pump, showing the pump, silicone case, charging cable, and various valve adapters.

3. PRODUCT OVERVIEW

The ROCKBROS Mini Electric Bicycle Pump is designed for portability and ease of use. Its compact form factor allows it to be carried conveniently during rides.

Mini Size of Pump



Image: The compact size of the ROCKBROS Mini Electric Bicycle Pump, demonstrating its portability by fitting into a hand, pocket, and bike saddle bag.

4. CHARGING THE DEVICE

Before first use, fully charge the pump. The device features a Type-C USB charging port for convenience.

- Connect the provided Type-C USB charging cable to the pump and a suitable power source.
- A multi-color LED indicator shows the battery status:
 - Green light: 80-100% power
 - Yellow light: 50-80% power
 - Red light: Less than 50% charged
- A full charge takes approximately 25 minutes.



25 min
Fully Charge
With Type-C Cable

Multicolor lights indicate remaining power

- Green 100%-80%
- Yellow 80%-50%
- Red ≤50%



Image: The ROCKBROS Mini Electric Bicycle Pump being charged via its Type-C port, with the LED indicator showing a green light for sufficient battery.

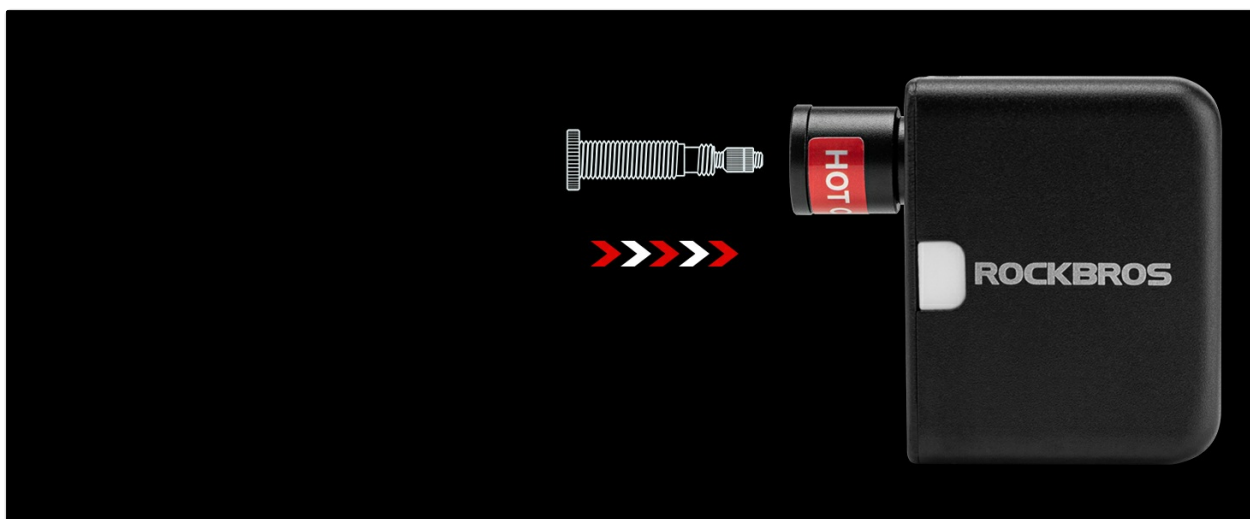


Image: Diagram illustrating the multi-color LED indicator for battery status: Green (100%-80%), Yellow (80%-50%), Red (less than 50%).

5. VALVE COMPATIBILITY

The pump supports both Presta and Schrader valves. The default setup is for Presta valves. To switch to Schrader, simply reverse the internal components of the valve adapter.

Switching Valve Types:

1. Unscrew the valve cap and remove the sealing part and Presta thimble.
2. For Schrader valves, insert the sealing part with the larger holes facing outward.
3. For Presta valves, insert the sealing part with the smaller holes facing outward.
4. Ensure the Presta thimble is correctly positioned for Presta valves.

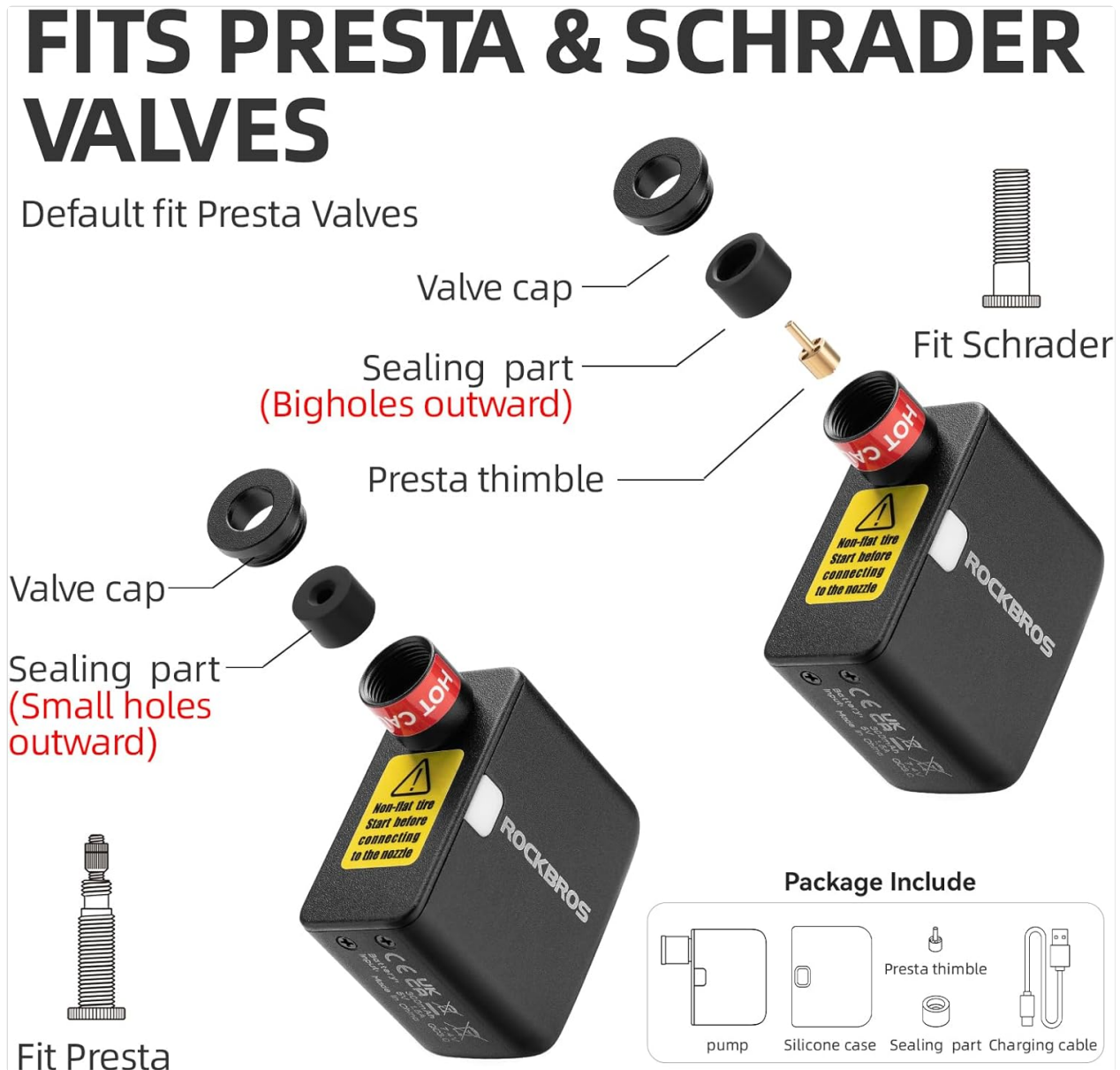


Image: Detailed diagram illustrating the internal components and their arrangement for both Presta and Schrader valve compatibility.

EASY TO CHANGE PRESTA&SCHRADER VALVES

DEFAULT FIT PRESTA VALVES

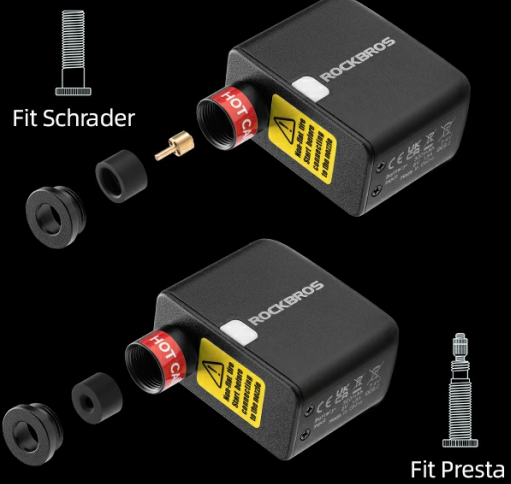


Image: A visual representation of the easy process to change between Presta and Schrader valve configurations.

6. OPERATION INSTRUCTIONS

Follow these steps to inflate your bicycle tire:

1. Ensure the pump is adequately charged (refer to Section 4).
2. Select the correct valve configuration (Presta or Schrader) for your tire (refer to Section 5).
3. Attach the pump firmly to the tire valve.
4. Press the power button to turn on the pump. The display will show the current pressure.
5. Use the '+' and '-' buttons to set your desired PSI.
6. Press the power button again to start inflation. The pump will automatically stop once the set pressure is reached.
7. Carefully detach the pump from the valve. Note that the valve stem may become hot after prolonged use.



Come with Silicone case, Heat insulation and protection of the aluminum pump from scratches



Image: The ROCKBROS Mini Electric Bicycle Pump actively inflating a tire, demonstrating its compact size and direct attachment.

Inflation Performance:

The following table provides approximate inflation times and available uses on a full charge for various tire types:

Tire Type	Pressure	Inflating Time	Available Times (Full Charge)
700C25	0-60PSI	50-60 sec	4
700C25	0-80PSI	80-90 sec	2
700C25	0-100PSI	150-160 sec	1
26x1.95	0-35PSI	70-80 sec	2
26x1.95	0-50PSI	120-130 sec	1



Image: A table detailing the pump's performance, including tire type, target pressure, inflation time, and number of inflations per full charge.

Official Product Video:

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Video: A short demonstration of the ROCKBROS Mini Electric Bike Pump in action, showing its compact design and ease of use for tire inflation.

General Usage Demonstration:

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Video: A general demonstration of a similar mini bike pump, showcasing its small size, easy operation, fast inflation, and ability to inflate both road and mountain bike tires, as well as fitting into a saddle bag.

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Video: Usage guidance for a similar mini electric pump, detailing button functions, valve types (Presta and Schrader), and an inflation demonstration, including how to use it with and without an air hose.

7. MAINTENANCE

To ensure the longevity and optimal performance of your ROCKBROS Mini Electric Bicycle Pump, follow these maintenance guidelines:

- **Silicone Protector:** Always use the included silicone case to protect the aluminum alloy pump from scratches and minor impacts.
- **Cleaning:** Wipe the pump with a dry, soft cloth after each use to remove dirt or moisture. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the pump in a cool, dry place away from direct sunlight and extreme temperatures.
- **Charging:** Recharge the pump regularly, even if not in frequent use, to maintain battery health. Avoid completely draining the battery for extended periods.



Image: The silicone cover providing heat insulation and protection for the lightweight and portable pump.

8. TROUBLESHOOTING

If you encounter issues with your pump, consider the following:

- **Pump Not Turning On:** Ensure the battery is charged. Connect to a power source and check the LED indicator.
- **Not Inflating / Slow Inflation:** Verify that the valve adapter is correctly configured for your tire type and securely attached to the tire valve. Check for any blockages in the pump's nozzle.
- **Pump Overheating:** Prolonged use, especially when inflating large tires or multiple tires consecutively, can cause the pump's components to heat up. Allow the pump to cool down before further use.
- **Rapid Battery Drain:** Ensure the pump is fully charged before use. If the issue persists, contact customer support.

9. SPECIFICATIONS

Specification	Detail
Brand	ROCKBROS
Model Name	42320008001/USA



Specification	Detail
Material	Aluminum alloy
Item Weight	97g (0.21 Pounds)
Product Dimensions	64 x 56 x 28mm (2.52"L x 1.1"W x 2.2"H)
Battery	300mAh/7.4V
Charging Mode	Type-C USB
Charging Time	Approx. 25 minutes
Max Inflating Pressure	100 PSI
Included Components	Charging cable, Presta thimble, Sealing part, Silicone case





10. WARRANTY AND SUPPORT

ROCKBROS provides a 12-month warranty for this Portable Air Pump. In case of any dissatisfaction, unconditional replacement or refund is offered. For any questions or support needs, please contact ROCKBROS customer service.

For further assistance, please visit the official ROCKBROS website or contact their customer support channels.

Related Documents - 42320008001/USA

<div><p>User manual [01 - 04] 用戶手冊 [05 - 08] Benutzerhandbuch [09 - 12] Manuel de l'utilisateur [13 - 16] Manual de usuario [17 - 20] Manuale d'uso [21 - 24] 取扱説明書 [25 - 28]</p></div>	<p>ROCKBROS AS1PRO Portable Air Pump User Manual and Specifications</p> <p>Detailed user manual for the ROCKBROS AS1PRO portable electric air pump. Includes setup, operation, troubleshooting, performance data, and technical specifications for bicycle tires and sports equipment.</p>
<div><p>Instrukcja obsługi</p><p>Model: BC29</p></div>	<p>Rockbros BC29 Bicycle Headlight User Manual</p> <p>User manual for the Rockbros BC29 rechargeable bicycle headlight, detailing specifications, features, operating modes, battery indicator, charging instructions, mounting, dismounting, safety precautions, and warranty information.</p>

	<p>ROCKBROS Smart Brake Rear Light - Instructions and Specifications</p> <p>Detailed instructions and specifications for the ROCKBROS Smart Brake Rear Light, a bicycle rear light with multiple modes, induction braking, and IPX7 waterproof rating. Learn how to operate and maintain your bike light.</p>
	<p>Rockbros RHL1500 Bicycle Light User Manual and Installation Guide</p> <p>Comprehensive guide for the Rockbros RHL1500 bicycle light, covering installation, operating modes, features, warranty, and safety information. Includes technical specifications and troubleshooting tips.</p>
	<p>ROCKBROS Rear Bike Cargo Rack Installation Guide and Product Information</p> <p>Comprehensive guide for installing the ROCKBROS rear bike cargo rack, including compatibility checks, size recommendations, step-by-step instructions, and package contents. Learn how to properly mount your bike luggage carrier.</p>
	<p>ROCKBROS A8 Pro Anti-Theft Alarm Taillight User Manual</p> <p>User manual for the ROCKBROS A8 Pro Anti-Theft Alarm Taillight, detailing its features, operating modes, remote control functions, personal settings, charging instructions, battery status, switch operation, accessories, and mounting procedures.</p>