VELKYNE

USER MANUAL

ULTRA-COMPACT MINI ELECTRIC PUMP 120 PSI

130 g pocket compressor with auto-stop for road, gravel, MTB, motorbikes, scooters and balls: digital LED gauge, target adjustable from 2 to 120 PSI, USB-C charging.

REF. PUMPBL06 · 120 PSI · ≈ 20 L/MIN · ≈ 130 G · 2 × 500 MAH



01 · BEFORE YOU START

WHAT'S IN THE BOX & FIRST STEPS

ITEM	QTY	PURPOSE
Mini electric pump	1	Compressor, LED display, battery
Presta adapter	1	Narrow valves (road, gravel, MTB)
Schrader hose	1	Between the pump and a wide valve
Schrader adapter	1	Wide valves (MTB, city bikes, motorbike)
Ball needle	1	Football, basketball, volleyball
USB-C cable	1	Charges from any USB charger
Storage bag	1	Carrying and storage
User manual	1	Manufacturer's control details

What this pump does

It inflates up to the **pressure you have set**, between 2 and 120 PSI, then stops on its own. The digital LED gauge shows the pressure in real time while inflating. Its 50 W brushless motor delivers about 20 L/min from a 130 g body that fits in a jersey pocket: it replaces the hand pump on rides and in the workshop, for bikes, motorbikes, scooters and balls.

Specifications

Pressure	**2 to 120 PSI (≈ 8.3 bar)**	Air flow	**≈ 20 L/min**
Power	**50 W, brushless motor**	Battery	**2 × 500 mAh (7.4 V)**
Charging	**USB-C, ≈ 1 to 3 h**	Dimensions	**74.2 × 47 × 36.4 mm**
Weight	**≈ 130 g**	Valves	**Presta, Schrader, ball**



What's in the box: pump, bag, Schrader hose, USB-C cable, ball needle, Schrader and Presta adapters.

SAFETY

- The pump body, hose and adapter **get hot** while inflating: hold the pump by its shell, unscrew the adapter by its collar and let it cool between two tyres inflated from flat.
- Never exceed the maximum pressure moulded on the tyre sidewall, even though the pump can go higher.
- Lithium battery: charge from a standard USB charger, never in a car in the sun or near a heat source. Do not open or pierce it.
- Do not immerse the pump and do not cover its vents while it is running.
- Keep the needle and small adapters out of children's reach.

BEFORE THE FIRST RIDE

Charge the pump fully and try it at home on each of your bikes: you will know which adapter to use and which target to set before you need it at the roadside.

02 · GETTING STARTED

CONTROLS, DISPLAY, ADAPTERS

The controls

Power	The centre button switches the pump and display on, starts and interrupts inflation.
+ and –	Raise or lower the target pressure, from 2 to 120 PSI.
LED display	Actual pressure in large digits, target in small digits, unit and battery level as bars.
Other buttons	The buttons marked U and with a lamp icon are covered by the manufacturer's manual supplied in the box.

A question about your unit?

Do a first test on an already inflated tyre to get used to it. If a control does not match this manual, write to us via velkyne.com/contact and we will reply with the details.

CHECK THE UNIT BEFORE YOU START

1 bar = 14.5 PSI. A target of 6 set in PSI instead of bar leaves the tyre almost flat; always read the unit shown next to the figure and compare it with the sidewall marking.



Presta valve: the Presta adapter, straight on the pump outlet or at the end of the hose. Schrader valve: the Schrader hose and the Schrader adapter.

Fit the right adapter

1. **Identify the valve.** Presta: narrow valve with a small nut to unscrew at the tip (road, gravel, most MTBs). Schrader: wide valve, as on a car (entry-level MTBs, city bikes, motorbikes, scooters).
2. **Screw the matching adapter** onto the pump outlet, with the hose if you want some reach, by hand, without forcing: the seal does the sealing, not the torque.
3. **For a ball,** screw on the needle, moisten it and push it straight into the ball valve.

03 · PROCEDURE

INFLATING A TYRE

1. **Open the valve.** Presta: remove the cap, unscrew the small nut all the way and press it for a second, a puff of air confirms the valve is free. Schrader: just remove the cap.
2. **Screw the adapter onto the valve,** straight in line, until it stops leaking. On a Presta valve do not bend the stem: it is fragile. The body is compact enough to hang from the valve, but support it by hand on a Presta valve.
3. **Switch on and set the target** with + and −, from the tyre sidewall or the table opposite. Check the unit.
4. **Start inflating.** The pump runs, the display tracks the actual pressure and everything stops on its own at the target. Hold the pump by its shell, without pulling on the hose.
5. **Unscrew the adapter straight away,** by its collar: it is hot. A short hiss on removal is normal. Tighten the Presta nut, put the cap back.
6. **Check by hand** and, if in doubt, screw the adapter back on: the display shows the actual tyre pressure. Adjust in small steps.

Pressure guide

USE	PSI	BAR
Road, 25 to 28 mm	75 to 95	5.2 to 6.5
City, hybrid, 35 to 47 mm	50 to 70	3.4 to 4.8
Gravel, 38 to 45 mm	35 to 55	2.4 to 3.8
MTB, 2.2 to 2.4 in	22 to 32	1.5 to 2.2
Football	9 to 15	0.6 to 1.1

General guide values. The range moulded on the tyre sidewall prevails; rider weight, actual width and tubeless set-ups shift it. For a motorbike or scooter, follow the manufacturer's pressures. 1 bar = 14.5 PSI.

TUBELESS TYRES

Put the valve at the top of the wheel so sealant does not flow back into the adapter. This pump adjusts the pressure of a tubeless tyre already fitted; to seat a new tyre on its rim you need the flow of a compressor or a charger pump.

120 PSI IS ENOUGH

Current road tyres are ridden below 100 PSI: the pump covers every bike use. Its twin battery lasts several inflations; let it cool between two road tyres inflated from flat.

04 · LONG TERM

BATTERY, CARE, TROUBLESHOOTING

Battery

- Charge over USB-C from a standard USB charger: allow 1 to 3 h depending on the charger, until the display shows a full battery.
- Charge before a ride rather than after it fails: the bars on the display show the level.
- If the pump sits unused for months, top it up every two or three months and store it away from frost and heat.

Care

- Wipe the pump and adapters after use; a damp cloth is enough, never a solvent.
- Rinse an adapter that has taken tubeless sealant with water, then dry it.
- Store it dry in its bag, with its cable and adapters.

If something goes wrong

SYMPTOM	LIKELY CAUSE, FIX
The pump does not switch on	Flat battery: charge it
Display stays at zero on an inflated tyre	Adapter not tight or Presta valve closed: open the nut, re-tighten
Air leaking at the adapter	Adapter crooked or seal dirty: unscrew, clean, screw back straight
Stops before the target	Hot pump or low battery: let it cool, recharge, start again
Tyre goes down afterwards	Presta nut or cap not closed; otherwise a punctured tube or tyre

On video

Independent tutorials on inflating and pressure, scan to watch.

How to inflate a bike tire with a Presta or Schrader valve
The Mark List · English

How to pump a Presta valve
Cycle Maintenance Academy · English

Need help?

velkyne.com/contact
Our team answers your questions about use, adapters and the battery.

Set it, start it, let it work.
The right pressure is not the highest one: it is the sidewall range, adjusted to your weight and the terrain. The pump takes care of the rest.

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