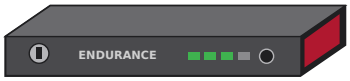
USER GUIDE

Van Beijck batteries

Using, charging and storing your Van Beijck lithium-ion battery safely (Endurance, Piccolo, frame and bottle battery).



Safety first
Keep the battery out of the reach of children. Does the battery get hot, smell strange or give off smoke? Stop immediately, put it outside in a safe place and contact us.

Safe use

- Never short-circuit the terminals.
- Do not discharge through the charging port and do not charge through the discharge port.
- Keep the battery away from fire and heat and never throw it into a fire.
- Avoid hard knocks, drops and heavy pressure.
- Protect the battery from water and moisture.
- Never open the battery yourself: that voids the warranty.

	Temperature
Charging	0 °C to 45 °C
Riding (discharging)	−20 °C to 55 °C
Storage	−20 °C to 55 °C, dry (65–75 % RH)

Endurance batteries (in the luggage carrier)

Type	Capacity	Energy	Weight
Efficient 10 Ah (VB-3610E)	36 V · 10 Ah	360 Wh	2.5 kg
Efficient 12 Ah (VB-3612E)	36 V · 12 Ah	432 Wh	3.1 kg
Efficient 15 Ah (VB-3615E)	36 V · 15 Ah	540 Wh	3.1 kg
Pro 12 Ah	36 V · 12 Ah	432 Wh	3.3 kg
Pro 16 Ah	36 V · 16 Ah	576 Wh	4.0 kg
Pro 20 Ah	36 V · 20 Ah	720 Wh	4.1 kg

Range as a rule of thumb: about 75 km with a 12 Ah battery; larger or smaller batteries in proportion. Wind, hills, tyre pressure, weight and temperature make a big difference.

Fitting and removing

1. **Fitting**
   Slide the battery from the back into the battery rail under the luggage carrier until it clicks into place.

2. **Locking**
   Turn the key in the lock so the battery is secured. Remove the key before you ride off.

3 **Removing**
Switch the system off, unlock with the key and pull the battery backwards out of the rail.

On/off and battery charge
There is a sticker on the battery by the button for on/off and the charge indicator. The lights show you how full the battery is.

Charging

1 **Connect**
First plug the charger into the battery, then plug the charger into the wall socket. Only use the original charger.

2 **Charging**
While charging, the light on the charger is **red**; when the battery is full it turns **green**.

3 **Done**
First unplug the charger from the wall socket, then unplug it from the battery.

Charge safely
Charge in a place without flammable items, preferably not indoors (for example in a garage or shed). Stop immediately if the charger smells strange or smokes, or if the battery is not full after 10 hours.

New battery
For transport the battery is charged to about 60 %. Charge it fully before your first ride.

Storage and care

- A lithium-ion battery has no memory effect: topping up in between is actually good.
- Not using the bike for a while? Take the battery off and store it in a dry, cool place.
- Storing the battery for a longer time? Store it half full (about 50 %) and top it up at least once every two months.
- Transport the battery well packed, with the switch off. Batteries may not be taken on passenger aircraft.

Troubleshooting

Problem	Possible cause	Solution
Battery gives no power	Switch or lock is off	Switch on the switch or lock.
	Fuse has blown	Have the fuse replaced.
	Cable not connected properly	Reconnect the cable.
	Battery is too empty (protection)	Charge the battery.
Battery does not charge	Charger is faulty	Try another (original) charger.
	Charging fuse has blown	Have the fuse replaced.
Lights on the battery do not work	Switch or lock is off	Switch on the switch or lock.

Warranty and recycling

The battery has a **2-year** warranty, except for damage from drops or water. Is the battery worn out? Hand it in at a battery collection point or to us. Batteries never belong in household waste.