



Specification sheet Trikke eV5.1

The Trikke eV5.1 is the basic model of our Light Electric Vehicles. The Trikke eV is designed for personal urban transportation and several business purposes. Green, smart and easy.

Made in Holland

Every Trikke EV is carefully assembled by hand and has passed an intensive test ride on an outdoor test track.

Weight and handling

- Weight: 22,7kg with battery
18,7kg without battery
- Foldable: Folding and unfolding in two simple actions
Detachable front fork with quick release
- Storage: Fits folded in every car, 144x65x34cm
Without front fork: 100x65x34cm
- Footprint: Wheelbase is shoulder-width (65cm)



Range and charging

- Battery: 48V-11,25Ah (540Wh), Li-Ion with Panasonic cells
Hot-swap battery; easy to exchange (with key)
- Range*: Speed 18km/h Range 35km
Speed 25km/h Range 25km
- Charger: 54,5V-2Ah
- Charging time: 5 hours

Performance

- Motor: 48V-350W brushless geared hub motor with free-wheel clutch
- Controller: 48V-17A with additional 12V-output
- Speed throttle: 1/3 twist grip with battery state of charge indicator
- Speed: Maximum 25km/h
Custom limitation switch at preferred speed (for example 6km/h for pedestrian zones)

Construction, wheels and brakes

- Frame: 6061-T6 aircraft grade aluminium
Patented forged carving mechanism to carve into turn
- Fairings: ABS plastic fairings in various colours
- Brakes: 126mm ventilated disc brakes on rear wheels cable operated
Parking brake on handlebar
- Wheels: 9,5" alloy rims with sealed ABEC 5 bearings
- Front tire/tube: 10"x2,5" motorcycle grade high-pressure inflatable tire and tube
- Rear tires/tubes: 9,5"x2,5" motorcycle grade high-pressure inflatable tire and tube

* Speed, acceleration and range will vary with rider's weight, topography, wind and riding style.



Accessories and options

- Gear box
- Bag holder
- Kick stand
- Customization (stickers, colours, paint)
- Standard colours: black, white, yellow and blue

Efficiency

- 10ct per full charge on normal wall socket
- Low maintenance
- Save time and parking money/tickets in cities
- Small carbon footprint in manufacturing, storage, shipping and use

Warranty

- Frame: 5 years
- Battery: 2 years
- Components: 2 years

Certificates

- The Trikke Ev is approved by RDW (Netherlands) and TUV (Germany)
- The electronic system of the Trikke EV is EMC-approved by DEKRA.
- Trikke Europe is certified as manufacturer of the Trikke EV by KBA (Germany)
- Trikke Europe BV is exclusively licensed for production and sales of Trikke products in Europe by Trikke Tech Inc.
- The Trikke eV is developed, patented and property of Trikke Tech, Inc. protected by following International Patents: U.S. 6,220,612; 6,499,751;6,827,358;6,976,687; 1235709 Europe, Canada 2,390,224; China ZL 00 8 18040.7. Other patents pending.
- TRIKKE is trademark of Trikke Tech, Inc.(CA, USA)

