

FACTSHEET EM-04: Lina

Length: 3500mm

Width: 1300mm

Height: 1300-1400mm

Track: 1100mm

Wheelbase: 2690mm

Weight: 310 kg without batteries

Amount of seats: 4

Propulsion: front

Propulsion system: Electric

Power: 7.5kW

Torque, max: 136.8nM

Motor type: PERM PMG-132

Amount of motors: 2

Battery type: Lithium Ion

Amount of batteries: 3, modular

Battery voltage: 48V

Battery capacity: 99Ah

Top speed: +/-80-85

Range: 100km

Efficiency in the city: 51.2 Wh/km (almost 4x more efficient than a BMW i3, Nissan Leaf, Tesla Model S 60D)

Material chassis: Flax- Polypropylene with bio-PLA kern. Comparable with glass fibre in strength.

Material body: Woven flax, PowerRibs, Resin, Comparable with glass fibre in strength.

Chassis glue: 3M glue (DP8010)

Suspension material: Aluminium

Front suspension: McPherson strut, screw springs

Rear suspension: Trailing arm, air spring

Front brakes: Disk

Rear brakes: Disk

Tire size: 110/80 R16

Turning radius: 5.5m

