



PLANZER ELECTRIC LORRY

On the road... the environmentally friendly way

The Planzer electric lorry

As a 100%-owned family business, Planzer has always thought of future generations. Sustainable development is not optional for us, it is mandatory!

We are therefore particularly proud of the latest addition to our fleet: **Our very first electric lorry has been underway on Switzerland's roads since April 2014.**

As the first transport company in Switzerland, we value the advantages of an electric lorry.

100% emission-free and virtually silent, the Planzer electric lorry is now operating on behalf of nature in various Swiss cities, starting with Zurich. This commitment enthuses not just us, but our customers and the environment alike.

For more information on our various measures for sustainability, please visit planzer.ch/Sustainability



Technical characteristics of the Planzer electric lorry

ENERGY CONSUMPTION

Motorway 80–110 kWh/100 km
(equivalent to 8–11 l diesel/100 km)
mtwy/city 60–90 kWh/100 km
(equivalent to 6–9 l diesel/100 km)

PERFORMANCE

300 kW/408 hp
max. speed 87 km/h
(electronically limited)

RANGE

Motorway 200 km
mtwy/city approx. 300 km
(depending on payload,
topology and speed)

TRANSMISSION RATIO

Single speed no switching,
no coupling

BATTERY

LiFePo4, 2 x 120 kWh, 400 V, 2600 kg
Completely charged – 44 kW in 6
hours
Charging time Batteries can be
replaced within 5 minutes
Fully redundant battery system

BATTERY CHARGER

2 pcs 22 kW

MOTOR

2 x hybrid synchronous motor
water-cooled
Efficiency max. 97 %
Fully redundant drive system

CHASSIS

IVECO Stralis

BRAKES

ABS-EBS

DIMENSIONS

H 3850 mm/L 10 100 mm/W 2550 mm
Wheelbase 5500 mm

WEIGHT

Gross vehicle weight 18 tonnes
Empty weight 11.5 tonnes
Remaining weight for additions
and payload 10 tonnes
Loading capacity 6.5 tonnes

BODY TYPE

Box with tail lift
19 pallet spaces