

VOLTA ZERO

THE ELECTRIC TRUCK DESIGNED FOR MODERN URBAN LOGISTICS

Purpose-built to deliver exceptional efficiency, safety and driver comfort in cities



01

BUILT FOR YOUR DELIVERY OPERATIONS



- 16-tonne GVW
- Over 6.8-tonne payload capacity
- More than 260 km driving range
- Junge Loadstar 2.0 body for 18 Euro pallets
- D Hollandia cantilever tail lift

16t

GVW

18

EURO
PALLETES

9.1t

UNLADEN
WEIGHT

260+

RANGE
(KM)

02

LOWER OPERATING COSTS



- Class-leading energy efficiency
- Less than 0.86 kWh/km for urban delivery operations
- Aerodynamic cab design
- Efficient E-axle drivetrain
- 22 kW AC and 150 kW DC charging

< 0.86

kWh/km
URBAN
DELIVERIES

22 kW

AC CHARGING
3 PHASE

150 kW

DC FAST
CHARGING

03

DESIGNED AROUND THE DRIVER



- Best manoeuvrability for city driving
- Turning circle under 16 meters
- Smooth, quiet ride with front and rear air suspension
- Low-entry cab design – 300mm step height
- Easy-access sliding doors

15.8 m

TURNING CIRCLE

LOW

ENTRY CAB

AIR

SUSPENSION

04

SAFETY WITHOUT COMPROMISE



- 220° direct driver visibility
- 33m³ TfL Direct Vision Standard volumetric score
- Protected battery positioning within the chassis
- 360° camera system

220°

DIRECT VISIBILITY

360°

CAMERA VISION

33m³

DIRECT VISION SCORE
Transport for London



Leading the transition to

SAFER, MORE SUSTAINABLE URBAN TRANSPORT

www.volta-cv.com

contact@volta-cv.com



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05

RECENT CUSTOMER USAGE DATA

- Customer usage from Germany, Sweden & Denmark
- More than 9800 kms driven
- Only 7812 kWh energy used
- Overall efficiency 0.79 kWh / km

9840

DISTANCE
COVERED
(KM)

7812

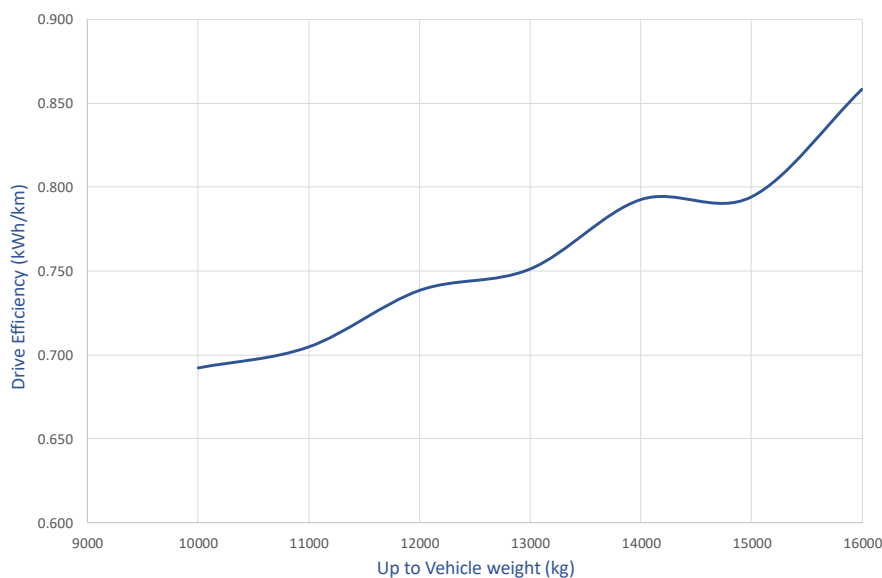
ENERGY USED
(kWh)

0.79

EFFICIENCY
(kWh/km)

06

EFFICIENCY vs VEHICLE WEIGHT *



*Info derived from recent customer data

07

VOLTA ZERO MILEAGE ACROSS THE FLEET

- Volta Zero fleet total mileage
- More than 260,000 kms in internal testing
- More than 246,000 kms in customer trials & experiences
- Over half a million kilometres recorded

260k +

INTERNAL
TESTING
(KM)

246k +

CUSTOMER
TRIALS
(KM)

506k +

OVERALL FLEET
MILEAGE
(KM)



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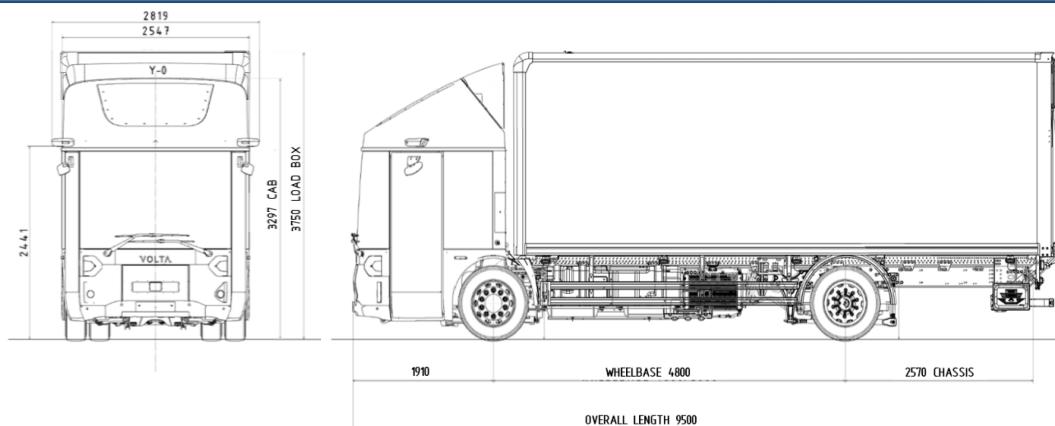
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BATTERY

TYPE:

NMC (NICKEL-MANGANESE-COBALT) CHEMISTRY

CAPACITY

- GROSS
- USEABLE

246 kWh - 3 PACKS OF 82 kWh
224 kWh

ENERGY EFFICIENCY

0.8-0.86 kWh/km BASED ON CUSTOMER USAGE DATA

RANGE

280 km

CHARGING

TYPE 2 CCS - 22 kW 3 phase AC / 150 kW DC

POWERTRAIN

E-DRIVE AXLE

- POWER
- TORQUE
- GEAR RATIO

250kW Peak / 200 kW Nominal
1100 Nm Peak / 570 Nm Nominal
1ST 2.67:1 / 2ND 1:1 / DIFFERENTIAL 3.91:1 / HUB REDUCTION 2:1

VEHICLE DIMENSIONS [mm]

LENGTH

- CHASSIS: 9280
- With LOAD BOX: 9500

WIDTH

- CAB: 2547
- OVER MIRRORS: 2819

HEIGHT from ground @ GVW

- CAB: 3297
- LOAD BOX: 3750

WHEELBASE: 4800

WHEEL TRACK

- FRONT/REAR: 1862 / 1840

TOP OF CHASSIS: 920

LOAD BOX FLOOR: 1150

LOAD BOX DIMENSIONS [mm]

LENGTH

- EXTERNAL: 7320
- INTERNAL: 7240

WIDTH

- EXTERIOR: 2550
- INTERIOR: 2480

HEIGHT

- EXTERIOR: 2530
- INTERIOR: 2420
- TAIL GATE OPENING: 1910 / 2370

TURNING CIRCLE DIAMETER [mm] KERB TO KERB: 15800 / WALL TO WALL: 17500 (values physically measured)

VEHICLE WEIGHTS [kg]

UNLADEN With LOAD BOX: 9160

- FRONT: 4840 / REAR: 4320

PLATED GROSS: 16000

- FRONT AXLE: 6500 / REAR AXLE: 10500

SUSPENSION

FULL AIR SUSPENSION ON FRONT AND REAR AXLE

RAISE / LOWER [mm]: 100 / 75



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