



Customer Information

Vehicle Configuration

<i>VIN:</i>	1234	<i>Vehicle Category:</i>	N3
<i>Axle Configuration:</i>	4x2	<i>TPMLM:</i>	18000 kg
<i>Total Propulsion Power:</i>	650 kW	<i>Vehicle Group:</i>	5
<i>CO2 Standards Group:</i>	5-RD	<i>Manufacturer:</i>	TU Graz
<i>Address:</i>	Inffeldgasse 19	<i>Model:</i>	HEV Heavy Lorry Px
<i>Type Approval Nbr.:</i>	ASDF	<i>Corrected Actual Mass:</i>	10143 kg
<i>Sleeper Cab:</i>	yes	<i>ZEV:</i>	yes
<i>HE HDV:</i>	no	<i>PEV Architecture:</i>	E2
<i>Off Vehicle Chg.:</i>	yes	<i>Dynamic Charging Tech.:</i>	Wireless
<i>Total Storage Cap:</i>	1203 kWh	<i>Usable Storage Cap:</i>	963 kWh

Electric Machine System

Total Rated Propulsion Power: 650 kW

EM Voltage Levels

Voltage Level 100 V

Max. Cont. Power: 152 kW

Voltage Level 1000 V

Max. Cont. Power: 152 kW

Transmission Values: Standard values
Nbr. Gears: 12
Axlegear Ratio: 2.640

Transmission Type: AMT
Retarder: yes
Average RRC: 0.0038

Advanced Driver Assistant Systems

PCC: yes

Axle 1

Dimension: 315/70 R22.5
Fuel Eff. Class:
Certification Nbr: e12*0815/8051*2017/05E0000*00
Steering Pump Tech.: Electric driven pump

Axle 2

Dimension: 315/70 R22.5
Fuel Eff. Class:
Certification Nbr: e12*0815/8051*2017/05E0000*00

Signature Input Data

Digest Value: vIksvGPpIAtM/KP9HP40l+kwJe1Od7dVnFelNmmWSYo=

Signature Manufacturer Record File

Digest Value: Y5sUsVjpxahLAJxZAUQ7Dp+Sd69v6BoO+11L2u1ap1o=

Simulation Status: Success

Mission Profile: Long Haul

Total Vehicle Mass: 2600 kg

Payload: 2600 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.7126 kWh/t-km
Energy cons.: 0.02036 kWh/m³-km
Energy cons.: 6.670 MJ/km
Energy cons.: 2.565 MJ/t-km
Energy cons.: 0.07330 MJ/m³-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Mission Profile: Long Haul

Total Vehicle Mass: 19300 kg

Payload: 19300 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.09600 kWh/t-km
Energy cons.: 0.02036 kWh/m³-km
Energy cons.: 6.670 MJ/km
Energy cons.: 0.3456 MJ/t-km
Energy cons.: 0.07330 MJ/m³-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Mission Profile: Long Haul EMS

Total Vehicle Mass: 3500 kg

Payload: 3500 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.5294 kWh/t-km
Energy cons.: 0.01319 kWh/m³-km
Energy cons.: 6.670 MJ/km
Energy cons.: 1.906 MJ/t-km
Energy cons.: 0.04747 MJ/m³-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Mission Profile: Long Haul EMS

Total Vehicle Mass: 26500 kg

Payload: 26500 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.06992 kWh/t-km
Energy cons.: 0.01319 kWh/m³-km
Energy cons.: 6.670 MJ/km
Energy cons.: 0.2517 MJ/t-km
Energy cons.: 0.04747 MJ/m³-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Mission Profile: Regional Delivery

Total Vehicle Mass: 2600 kg

Payload: 2600 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.7126 kWh/t-km
Energy cons.: 0.02036 kWh/m³-km
Energy cons.: 6.670 MJ/km
Energy cons.: 2.565 MJ/t-km
Energy cons.: 0.07330 MJ/m³-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Mission Profile: Regional Delivery

Total Vehicle Mass: 12900 kg

Payload: 12900 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.1436 kWh/t-km
Energy cons.: 0.02036 kWh/m³-km
Energy cons.: 6.670 MJ/km
Energy cons.: 0.5171 MJ/t-km
Energy cons.: 0.07330 MJ/m³-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Mission Profile: Regional Delivery EMS

Total Vehicle Mass: 3500 kg

Payload: 3500 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.5294 kWh/t-km
Energy cons.: 0.01319 kWh/m³-km
Energy cons.: 6.670 MJ/km
Energy cons.: 1.906 MJ/t-km
Energy cons.: 0.04747 MJ/m³-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Mission Profile: Regional Delivery EMS

Total Vehicle Mass: 17500 kg

Payload: 17500 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.1059 kWh/t-km
Energy cons.: 0.01319 kWh/m³-km
Energy cons.: 6.670 MJ/km
Energy cons.: 0.3811 MJ/t-km
Energy cons.: 0.04747 MJ/m³-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Mission Profile: Urban Delivery

Total Vehicle Mass: 2600 kg

Payload: 2600 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.7126 kWh/t-km
Energy cons.: 0.02036 kWh/m³-km
Energy cons.: 6.670 MJ/km
Energy cons.: 2.565 MJ/t-km
Energy cons.: 0.07330 MJ/m³-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Mission Profile: Urban Delivery

Total Vehicle Mass: 12900 kg

Payload: 12900 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.1436 kWh/t-km
Energy cons.: 0.02036 kWh/m³-km
Energy cons.: 6.670 MJ/km
Energy cons.: 0.5171 MJ/t-km
Energy cons.: 0.07330 MJ/m³-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Mission Profile: Construction

Total Vehicle Mass: 2600 kg

Payload: 2600 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.7126 kWh/t-km
Energy cons.: 6.670 MJ/km
Energy cons.: 2.565 MJ/t-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Mission Profile: Construction

Total Vehicle Mass: 12900 kg

Payload: 12900 kg

Total

Average Speed: 30.0 km/h

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.1436 kWh/t-km
Energy cons.: 6.670 MJ/km
Energy cons.: 0.5171 MJ/t-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Summary

Vocational: no

Average Payload: 10.258 t

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.1806 kWh/t-km
Energy cons.: 0.02036 kWh/m³-km
Energy cons.: 6.670 MJ/km
Energy cons.: 0.6502 MJ/t-km
Energy cons.: 0.07330 MJ/m³-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Summary

Vocational: yes

Average Payload: 7.750 t

Electric Energy

Energy cons.: 1.853 kWh/km
Energy cons.: 0.2391 kWh/t-km
Energy cons.: 6.670 MJ/km
Energy cons.: 0.8607 MJ/t-km

Electric Ranges (begin of life)

RCDA¹: 547.3 km
EAER³: 547.3 km
ZCER²: 547.3 km

Electric Ranges (end of life)

RCDA¹: 493.0 km
EAER³: 493.0 km
ZCER²: 493.0 km

Application Information

VECTO Version: 5.0.7-DEV !!NOT FOR CERTIFICATION!!

Date: 2025-12-12T10:16:58.8478502Z

Customer Information File Signature

Digest Value: mhjFRohXa17fhVkiYohYMj8r8S5/8RkKqIqch9ro9yU=