

E-FORCE 18t Electric Truck

TECHNICAL SPECIFICATIONS

Specifications

Performance

Motor	2xHybrid Synchron Motor Water Cooled
Power	Continuous Power 2x93kW (252HP), Max. 2x150kW (408HP)
Torque	Continuous Torque 2x195Nm, Max. 2x315Nm
Cruise RPM	Max. RPM 13,000
Top Speed	87km/h (Electronically Limited)
Efficiency	up to 97%

Battery

Type	LiFePO4, 2x120kWh, 400V, 2x1300kg
Time to Charge	6 hours @ 44kW
Battery Exchange	5min.

Consumption

City	60-90kWh/100km
Highway	80-100kWh/100km

Operating Distance

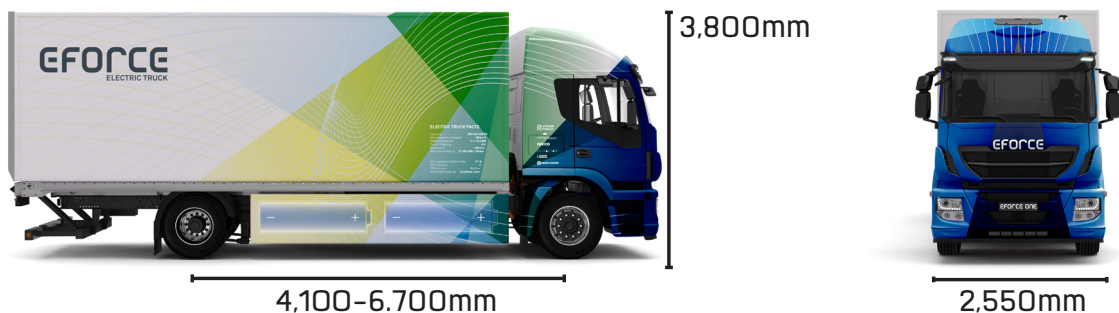
City	> 300km
Highway	> 200km

Transmission

Single Speed	no Shifting no Clutch
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Chassis

Type	IVECO Stralis, AD/AT190 S 36
Dimensions	H: 3,800mm / W: 2,550mm/ Wheelbase: 4,100mm-6,700mm
Weight	8,000kg
Payload	10,000kg



E-FORCE ONE AG

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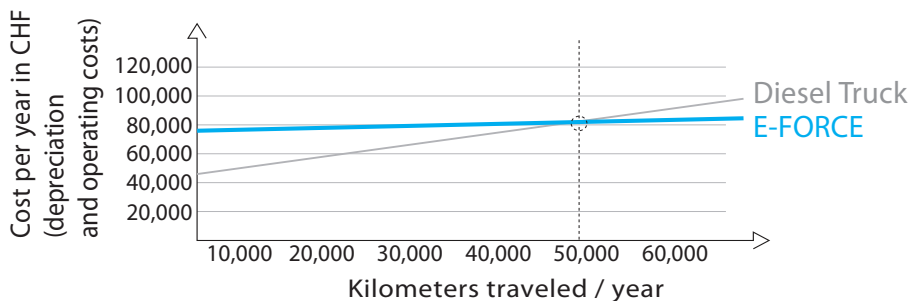
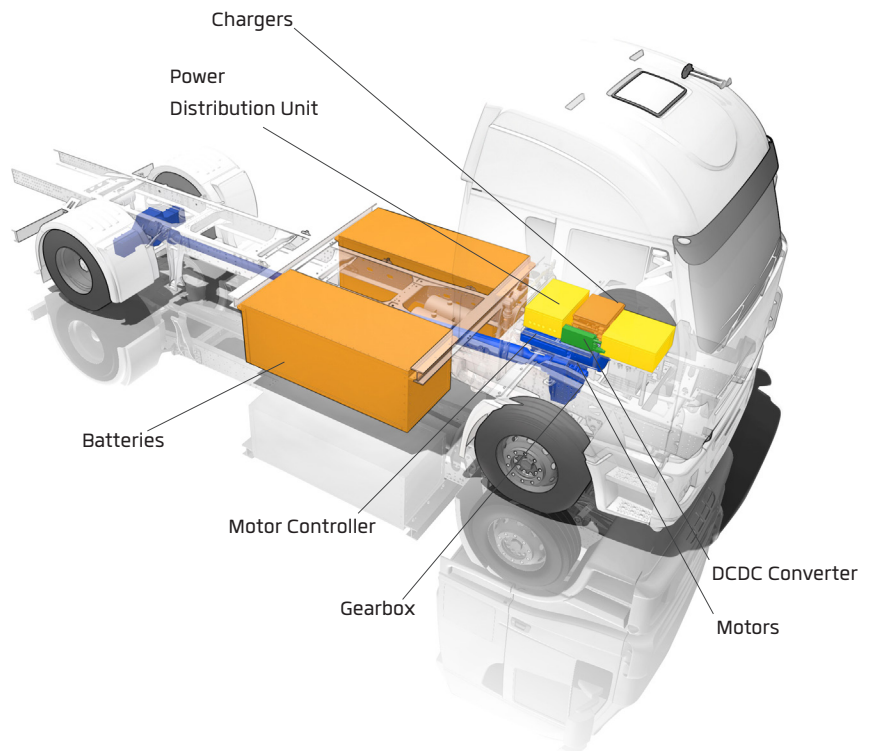
Advantages at a Glance

Made for Urban Delivery

Thanks to the electric drive, the E-FORCE requires only one third of the energy of diesel trucks. With electricity from renewable energy sources, the ecological advantage is fully utilized. Furthermore, the E-FORCE emits no sooty particles or CO₂. Reduced noise emissions make the E-FORCE ideal for use in urban areas.

Road Capability

The E-FORCE has a curb weight of 8t. This permits 10t of body and payload. With fully charged batteries, the range is over 300km. Using the battery quick swap system, the battery packs can be swapped within minutes, allowing the range to be extended arbitrarily.



Due to low operation costs, when exceeding 50,000 kilometer per year, the E-FORCE is the more economic option compared to a diesel truck. TCO Switzerland

Profitability

The economic efficiency of the E-FORCE is confirmed by having much lower operating costs than a diesel truck. This is due to the low energy consumption, the use of electricity as power supply, and low maintenance and repair costs. Various taxes and fees are also reduced or waived for electric trucks.

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