

EFORCE 18-44t eLkw

Specifications

E44 Power Train

Motor	Hybridsynchronmotor
Power	Continuous Power 350 kW (475 PS), Max. Power 550 kW (747PS)
Torque	4'060 Nm
Cruise RPM	max. RPM 2'500
Top Speed	85 km/h (Electronically Limited)
Efficiency	>91 %

Battery

Typ	NMC-C, 800 V
Battery Size	Mini 120 kWh, Midi 190 kWh, Maxi 260 kWh, Maxi S 310 kWh
AC Normal Charge	6 Hours @ 44 kW (Midi Battery)
DC Fast Charge	<2 Hours @ 150 kW (Midi Battery)

Consumption

City	80-120 kWh/100 km (26-40t)
Highway	130-180 kWh/100 km (26-40t)

Operating Distance

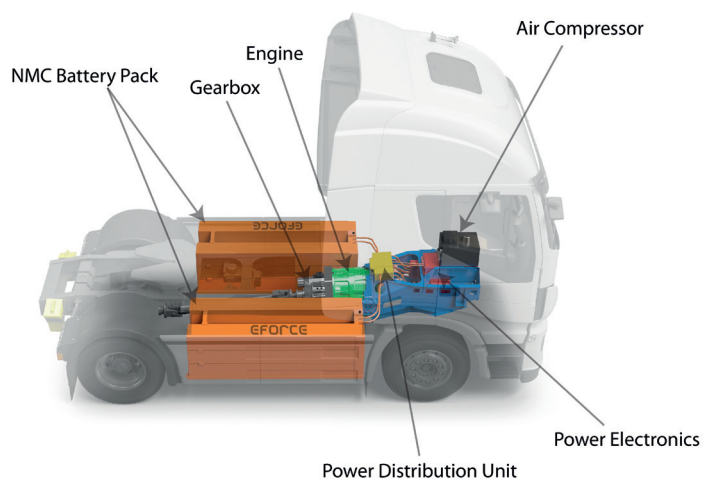
City	up to 300 km
Highway	up to 180 km

Transmission

Gearbox	2 Speed Semi Automated Gearbox (Crawl and Range)
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Chassis

Typ	IVECO Stralis
Dimensions	Truck Width: 2'550 mm / 2'600 mm, Wheelbase: 3'800 mm-6'700 mm
Weight EFORCE with Midi Battery	8'600 kg



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EFORCE Electric Truck

Advantages at a Glance

Made for urban Delivery

The EFORCE is the ideal truck for urban distribution. Owing to the high efficient electric power train with an energy efficiency of over 91 %, the EFORCE is using just 1/3 of the energy a conventional diesel truck would use. Furthermore, the EFORCE does not produce any CO₂ or sooty particles and is very silent in use. In combination with sustainable production of energy, the EFORCE is the best choice for environmental friendly urban distribution and can save up to 40 ton of CO₂ per year.

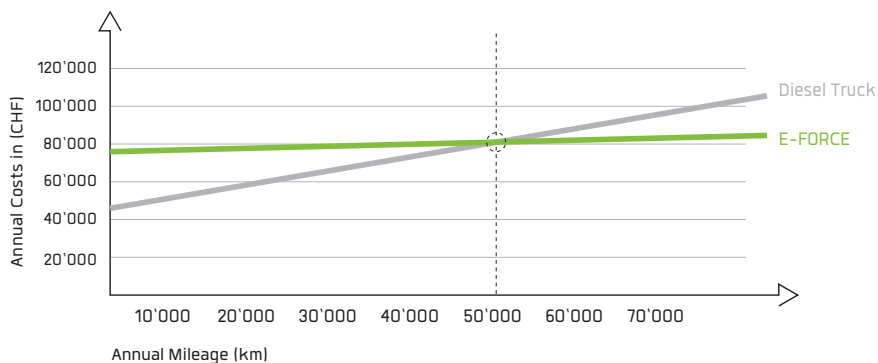


Road Capability

Range and payload are essential criteria for heavy-duty vehicles. Thanks to the modularised battery system, it is possible to adjust the battery size to the range demand. With the largest battery pack Maxi S, the EFORCE can be used for tours up to 300 km per charge. Furthermore, the EFORCE is capable of opportunity charging with up to 150 kW which also increases the autonomy. The gross weight of the EFORCE depends on the size of the battery module and varies between 8-9 ton and thus leaves 17-18 ton for the body and payload.

Profitability

A successful economic use of heavy-duty vehicles is crucial for the transport business. Due to lower maintenance and operation costs and due to certain tax reductions, the EFORCE is after 50'000 km per year more economic than a conventional diesel truck. (TCO Switzerland 36 t, 6 year use). In addition to the economic and environmental benefits, using an EFORCE will support the company sustainability strategy. Because the electric power train and the batteries are well integrated in the chassis, all the different bodies such as box body or even bodies for waste collection are possible.



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