



SEA-Drive® 180

SEA ... the Future

SEA-Drive® 180 is built on a cab/chassis platform with a GVM range from 18t to 26t, and a 3,500 Nm electric motor. The 216 kWh battery pack option delivers class leading range of up to 230km* and a typical break-even period of less than 4 years.

SPECIFICATIONS

SEA-Drive® 180

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Powered by SEA-Drive® 180

Range: Up to 230 km* (unladen)

Operating temperature range: -20°C to 50°C

100% Electric Power-System

Type: Permanent Magnet AC Motor

Continuous power: 195 kW

Maximum power: 350 kW

Maximum torque: 3,500 Nm

Efficiency: 95% peak efficiency

Batteries

216kWh battery capacity

Life Cycle: Up to 10 Years

Cell Type: Lithium-Ion (LiNiMnCoO₂) - Known as NMC

Energy Density: 127.7 Wh/Kg

Charging

Standard charging using three-phase 32amp on board charger with 5 pin plug, up to 22kW

DC/DC converter is 3kW with 24V power supply

Charge Time: Approx. 9 hours to 80% charge

Optional Fast Charging System

HVAC - Air Conditioning and Heating

Electric integrated HVAC System - 6.5 kW, HVDC powered

Electric PTC heater 6kW, HVDC powered

Telematics SEA-Connect® *Optional*

Ability to provide vehicle and driver related data

Accessible via a secure telematics portal

System Warranty

5 years for batteries[#]

Remaining system warranty tied to OEM chassis[#]



Most Cost Effective Power-System in the World



Unique Mid Mounted Batteries for Safety & Dynamics



Adaptable to Most OEM Glider Platforms



Lower Maintenance & Operating Costs - No Fuel, Few Moving Parts



Zero Emissions - Reduce Your Carbon Footprint



Upgradable Plug and Play Architecture



Three-phase 32amp On Board Charger - the Biggest Charging Network In The World



Integration with Body Suppliers - 100% Electric Power to Operate Ancillaries



Powerful Handling with a Smooth Ride



Driver Comfort, Health & Safety - No Noise, No Fumes, No Heat

*Range figures are intended for comparison purposes only and are based on unladen, cab chassis or van test drive conditions. Actual range achieved will depend upon a number of factors including load and body design, road conditions and topography, regenerative braking configuration and utilisation of electrical accessories.

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