



Volvo Trucks. Driving Progress

VOLVO VNR ELECTRIC SERIES

PRODUCT GUIDE



Charging Ahead

At Volvo Trucks we're committed to innovation. Innovations to improve productivity for our customers. Innovations to improve the world around us. Our innovation in electromobility allows us to do both. Today the VNR Electric puts us at the forefront of electric truck production in North America.

With you every step

We've spent years developing complete solutions for electromobility. No OEM is more qualified to help you with the vehicle, service contract, financing, and charging infrastructure you'll need for tomorrow's electric fleet. As the global leader in zero-emission electric trucks, Volvo is committed to reducing pollution, noise, and traffic on crowded urban streets.



Drive train

The VNR's electric drive train is rated at 455 hp with up to 4,051 lb/ft torque. This allows for quick starts and excellent responsiveness in the close quarters of urban delivery. The fully-integrated driveline features a two-speed I-Shift transmission for smooth acceleration, reaching speeds of 65 mph.



Fully powered

The batteries allow for an operating range of up to 150 miles per charge depending on duty cycles, with a capacity of 264 kilowatt hours. A 150kW charge rate with a CCS1 or CCS2 connection can provide an 80% charge in as little as 70 minutes, allowing for multiple routes in a single day.



Still a VNR

The VNR Electric is both revolutionary and familiar, based on the highly popular Volvo VNR. Drivers will recognize the maneuverability, visibility, and safety that are part of every VNR. Available as a 4x2 and 6x2 tractor, or single-axle straight truck, there's a VNR Electric that fits your local delivery application.



Volvo Gold Contract

Volvo Trucks introduces North America's most comprehensive service contract to launch the VNR Electric. Our new Volvo Gold Contract comes standard on each electric truck and provides peace of mind covering maintenance, towing, uptime services, and full coverage of major components.



	VNR ELECTRIC 4X2 STRAIGHT TRUCK	VNR ELECTRIC 4X2 TRACTOR	VNR ELECTRIC 6X2 TRACTOR
Operating range	Up to 150 miles	Up to 120 miles	Up to 120 miles
GVWR (lbs.)	Up to 33.2k	Up to 66k	Up to 82k*
Applications	Local distribution and regional transportation with planned routes and frequent stops. Including food and beverage and other short driving cycle services.		
Power	340kW/455hp/4,051 lb-ft peak output torque		
Battery capacity	264kWh		
Charging	Up to 150kW DC charge rate with CCS1 or CCS2		
Charging time	70 min (80% charging at 150kW)		
Braking energy	Between 5-15% of brake energy is regenerated back into Energy Storage System, depending on cycle		
Transmission	Two-speed I-Shift Automated		
Driveline	Volvo Trucks electric driveline		
Top speed	65 mph		

*Up to 82k in specific applications.

VOLVO

Volvo Trucks

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Some vehicles shown with optional equipment.

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