



Cummins Electric Solutions for Bus

Battery Electric Vehicle

Powered by 74 kWh battery enclosures, the Cummins Battery Electric Vehicle (BEV) powertrain provides a Zero-Emissions solution at the point of use. The compact envelope of the Cummins Battery Technology consists of Cummins proprietary battery management systems as well as battery packaging. The High-density Lithium Ion (Li-ion) technology batteries provide modular, plug-in, and overhead charging capabilities, allowing for scalability when extended operating range is required.

Operators and passengers will be pleased with the quiet, comfortable, and smooth performance of the Cummins Battery Electric Vehicle system. Owners and service managers will be impressed with the reduced maintenance costs and downtime.



Flexible Power Solutions

Cummins battery systems can be charged with the industry standard J1772 plug-in and overhead charging devices. Additionally, for customers always on the go, Cummins is compatible with pantograph and induction charging systems.

Direct Drive Traction Motor

The Cummins electric vehicle systems utilize a direct drive, drive-by-wire system providing continuous power delivery, eliminates gear shifting, and allows for peak power or torque when needed.

APPLICATION	COMMUTER / CITY
# of Batteries	4-8
Range (miles)	Up to 240 miles
Peak Power	350 kW / 3500 Nm
Continuous Power	215 kW / 1850 Nm

Range Extender Option Battery Electric Vehicle

Range Extended Electric Vehicle

An ultra-low emissions solution, the Cummins Range Extended Electric Vehicles (REEV) system provides the capability of zero-emissions when required, and ultra-low emissions in extended range operation conditions. Geofencing, provided by Cummins Connectivity ensures that when operating in non-attainment zones, or zero-emissions city limits, the REEV vehicle runs on 100% electric battery power.

The downsized engine operating in a more efficient, generator like manner, provides an on-board charging system for enhanced range capabilities while reducing engine noise, enabling better fuel efficiency, and optimized for ultra-low emissions.

Backed by the Best

Cummins electric systems are covered by a comprehensive base warranty that includes parts and labor with no deductible. Cummins provides a 6 year battery warranty that is extendable up to 12 years for improved confidence in the battery system of your choice.

Buy-America Compliant

Cummins battery system enclosures will be manufactured in North America. The BEV and REEV systems from Cummins will meet Buy-America requirements.



APPLICATION	CITY / COMMUTER
Range Extender Option	E4.5
Battery Only Range	> 50 miles
Charge Capability	Up to 450 kWhr
Continuous Power	215 kW / 1850 Nm
Peak Power	350 kW / 3500 Nm



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