The V8100—an electric medium duty panel van designed and built from the ground up to meet the specific needs of the last mile industry. This built-to-be-electric approach allows us to offer maximum payload, maximum cargo capacity, the most efficient powertrain, a comfortable driving experience. The V8100 is a no-compromise solution.
A Vehicle Without Compromise

Range to Support Your Ride

The average route for a medium duty commercial truck is 65 miles. The V8100 is designed to accommodate that route with an estimated range of 150 miles with 2,000 lbs of payload on a single charge. *

Electric Vehicle Benefits

Our electric motors have significantly fewer moving parts than fossil-fuel-powered engines, resulting in up to 70% lower maintenance costs. And with an estimated 50 MPQ equivalent, operators will save an average of 70% in fuel costs.

Volume & Payload

With 675 cu ft of cargo space and up to 6,000 lbs of payload, the V8100 has the ability to meet the needs of a variety of daily delivery workflows.

Quality Manufacturing

Our vehicles are built in a 3.6+ million sq ft, state-of-the-art manufacturing facility to achieve unparalleled build quality and scale.

In addition, we will be breaking ground soon on our first U.S.-based assembly facility. This expansion of our manufacturing footprint will bring us geographically closer to our customers, allowing for more speed and scale, and creating clean-energy jobs.

* Range testing was performed utilizing modeling and independent third party testing based on the Heavy-Duty Urban Dynamometer Driving Schedule (HD-UDDS).
Our van is designed with passenger vehicle-level comfort. The V8100 features push-to-start, power windows, power locks, and smartphone-to-media system connectivity.

The V8100 features a 10.4" Android-based touchscreen display with LTE connectivity to control most of the van's features. Some of the features included are:
- Universal Pull-Down Menu
- Lighting and Temperature Control
- Weather Updates
- Agenda Display
- Radio Quick-Start Button
- State of Charge
- Estimated Miles Remaining
- Current Energy Consumption

A Breathable Work Environment
A clean vehicle means a clean work environment. Drivers will no longer be subjected to the constant fumes associated with fossil-fuel-powered commercial vehicles.

Ergonomic Interior
Designed with the Driver in Mind

Ergonomic Cabin

Capable Handling
The V8100 doesn't sacrifice maneuverability for increased cargo space. It drives smaller than it is and easily navigates the obstacles of a daily urban route.

Better Overall Driving Experience
The V8100 was designed from the ground up to provide the best overall driving experience. Everything from the quiet drivetrain, to a passenger car-inspired cabin, and the intuitive touchscreen display will enhance driver comfort.

Connected UI
Thoughtfully Designed for a Better World

Zero Emissions, 100% Electric

Our vehicle fits best where it’s needed most. Designed to service urban areas, our zero-emissions vans are built to perform in densely populated areas where the environmental and health effects of gas and diesel emissions are most concentrated.

Zero Noise Pollution

An EV’s lack of engine noise provides an opportunity for less disruptive after-hours productivity. And in urban areas where heavy traffic is common and commercial trucks spend a majority of the day idling, the near silence of an EV is a powerful step towards positively transforming the urban environment.

A Fast Charging Solution

The V8100’s 13.2 kW onboard charger supports Level 2 and DC fast charging. This solution allows for optimal charging versatility. Just plug in the V8100 at your depot for an overnight charge, or utilize DC fast charging for an 80% charge in a little over an hour.

Empowering Our Customers

In order to make the transition to electric mobility simple for all of our customers—big and small—every V8100 is delivered with a Level 2 EVSE (charger).

Energy Solutions

We recognize electric vehicles are only part of the solution. We are also designing a depot energy solution platform that utilizes renewable energy and dynamic controls to cost-effectively power large fleets.

- Solar Panels
- On-site Battery Storage
- Fleet Management
- Data Analytics
Powertrain

01 Drive Motor Controller
02 Rear Battery Distribution Unit
03 Traction Battery
04 Cabin Heater
05 12 Volt DC Converter
06 Power Distribution Unit
07 Charge Port
08 Drive Motor
09 On-Board Charger
10 Power Steering Pump Controller
11 Air Conditioner Compressor Controller
12 Air Conditioner Compressor
13 Power Steering Pump

Interior Dimensions

01 Drive Motor Controller
02 Rear Battery Distribution Unit
03 Traction Battery
04 Cabin Heater
05 12 Volt DC Converter
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07 Charge Port
08 Drive Motor
09 On-Board Charger
10 Power Steering Pump Controller
11 Air Conditioner Compressor Controller
12 Air Conditioner Compressor
13 Power Steering Pump
<table>
<thead>
<tr>
<th>Specifications</th>
<th>Chanje V8100 Technical Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>Wheelbase (in/mm) 194.3 / 4,935</td>
</tr>
<tr>
<td></td>
<td>Overall Length (in/mm) 318.1 / 8,080</td>
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<tr>
<td></td>
<td>Overall Width Excluding Mirrors (in/mm) 86.4 / 2,195</td>
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<tr>
<td></td>
<td>Overall Height (no roof rails) (in/mm) 109.4 / 2,780</td>
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<tr>
<td></td>
<td>Curb Weight (lb/kg) 10,535 / 4,778</td>
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<tr>
<td></td>
<td>Gross Vehicle Weight Rating (lb/kg) 16,535 / 7,500</td>
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<tr>
<td></td>
<td>Total Payload (lb/kg) 6,000 / 2,722</td>
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<tr>
<td></td>
<td>Cargo Volume (cu ft) 875</td>
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<tr>
<td>Mechanical</td>
<td>Drive Configuration RWD</td>
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<tr>
<td></td>
<td>Motor Type Synchronous Permanent Magnet</td>
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<tr>
<td></td>
<td>Number of Motors Dual Motor System</td>
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<tr>
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<td>Motor Cooling Method Liquid Cooling</td>
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<tr>
<td></td>
<td>Battery Capacity 100 kWh</td>
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<td></td>
<td>Battery Chemistry LiFePO4</td>
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<td>On-Board Charger J1772 Level 2</td>
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<td>Charge Port DC Fast Charge CCS</td>
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<tr>
<td>Performance</td>
<td>Total Peak Power (hp/kW) 198 / 148</td>
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<tr>
<td></td>
<td>Total Peak Torque (lb-ft/Nm) 563 / 764</td>
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<tr>
<td></td>
<td>Top Speed (mph/kph) 81 / 130</td>
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<td>Max. Gradeability (%) 30%</td>
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<tr>
<td></td>
<td>Turning Radius (ft) 28.8</td>
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<td>MPGe 50</td>
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<td>Chassis</td>
<td>Body Construction Unibody</td>
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<td></td>
<td>Front Suspension Independent</td>
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<tr>
<td></td>
<td>Rear Suspension Leaf Spring</td>
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<tr>
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<td>Tire Size 215 / 75R17.5</td>
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Specifications represent available values at time of brochure printing and are subject to change.
We’re developing a cost-effective, turnkey fleet depot model that will provide a fully integrated electric vehicle infrastructure solution. To accomplish this, we’re assembling a network of strategic partners to build a modular platform that addresses charging infrastructure, renewable energy, storage, and grid services.

Whether you have a small, medium, or large fleet your EVs need to be charged efficiently and effectively. We assess your current infrastructure and help architect the solution that best serves your fleet’s unique needs.

**Renewable Energy Generation**

Location-optimized renewable energy is the foundation of energy generation for the depot model solution. These renewable sources will generate up to 100% of the energy necessary to power your electric fleet.

**Energy Storage**

On-site battery storage is integrated into the depot infrastructure to capture and store your renewable energy during the day and directly charge your EVs overnight. The ability to store energy allows you to fully leverage the renewable energy infrastructure and provides increased flexibility to meet your fleet’s needs.

**Grid Services**

Grid connectivity will enable you to make informed decisions around the most economical times to charge your fleet and batteries, as well as capitalize on excess energy and peak demand on the grid. We offer consulting, hardware, and software solutions to automate grid services that scale with your needs.
Chanje and Ryder have launched a partnership focused on innovating vehicle technology in the transportation industry. As part of this partnership, Ryder will be the exclusive sales channel partner and service provider for Chanje’s all-electric line of medium duty vehicles.

Vehicles are currently available at Ryder locations in strategic US markets for both Ryder ChoiceLease and rental customers.

As the exclusive service provider, Ryder will offer a combination of comprehensive and preventative maintenance solutions as part of its SelectCare fleet maintenance portfolio.

The relationship with Ryder provides Chanje with an established nationwide network for maintenance.

Other Ryder Advantages

Compliance and Safety — Services to keep your fleet compliant and your drivers safe. See your CSA scores improve and eliminate wasted HOS for drivers.

Transparency and Flexible Reporting — Through a convenient web-based application you have access to enhanced communications, service event management, data/information visibility, and flexible reporting options.

Learn how you can benefit from the Ryder & Chanje partnership. Visit Ryder.com/Chanje or call (888) 359-9741.
Our Vision

Our opportunity is bigger than simply replacing fossil fuel vehicles with electric. Our long-term vision is to create sustainable urban solutions that improve the last mile and positively impact people, businesses, and communities.