



# Our CircularEV™ Solutions Accelerate Fleet Electrification



## ABOUT EVOLECTRIC

Evolectric is a California-based technology company committed to helping commercial vehicle owners transition their fleets to 100% electric.

We are a team with over 100 years of combined experience in electric vehicle and battery development dedicated to reducing the negative impact of petroleum-powered vehicles on the environment for generations to come. Together, we are accelerating the transition of the over 335 million diesel-powered trucks on the road today to 100% electric, zero emissions vehicles.

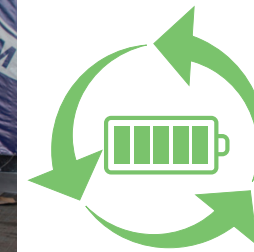
Guided by circular economy principles, we don't start from scratch. Instead, we extend the life of existing vehicles through our CircularEV™ software and hardware technology, reducing the manufacturing carbon footprint by 50%.


Our focus on analytics and machine learning will allow us to remove the battery from the upfront cost and spread it out over decades – making it more affordable from day one.

 Remove/Recycle Diesel Powertrain



Upgrade to 100% Electric Powertrain



 Vehicle returns as Smart, Zero-emissions Truck

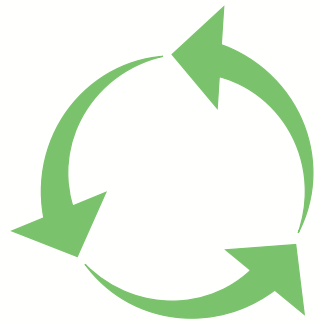






# evolectric

## Evolectric CircularEV™ Specifications



### Electric Motor, Liquid Cooled

- **Motor Type:** Interior Permanent Magnet
- **Max Power:** 200 kW/268 HP
- **Max Torque:** 1770Nm/1305 ft-lb

### Batteries, Liquid Cooled & Heated

- **Total Pack Size:** 105 kWh
- **Cell Chemistry:** Lithium Iron Phosphate (LFP)

### Charging (CCS1 Combo)

- **Level 1/2 J1772 AC Charging:**
  - 13.2 kW (< 8hrs to 100%)
- **Level 3 DC Fast Charging:**
  - 100 kW (< 1hr from 10% to 95%)
- **V2G-Ready, for future activation**

CircularEV Solutions (2008-2022 model years)	Isuzu NPR-HD	Isuzu NQR	Isuzu NRR
Available Wheelbases (axle to axle)	150", 176"	150", 176", 200"	150", 176", 200", 212"
Range (varies by duty cycle)	100 to 130 miles	95 to 125 miles	90 to 120 miles
GVWR	14,500 lbs	17,950 lbs	19,500 lbs
Payload (150" WB)	7,900 lbs	11,000 lbs	12,500 lbs

### Performance and Features

- Digital Instrument Panel and pushbutton drive selector
- Hands-Free infotainment system with CarPlay/AndroidAuto and Bluetooth
- Rear-view backup camera
- Electric Cabin Climate Control
- Equipped for future V2V and V2G with software upgrade
- Regenerative Braking for maximum range
- Top Speed: 100kph/60mph, fully loaded
- Gradeability & Start Grade: 25% Grade
- Liquid cooled (and heated) batteries for long battery life in all climates
- Liquid cooled motor for high reliability and durability in all climates
- Future options will include ADAS enhancements and accessory power for Refrigeration & PTO

# ISUZU N-SERIES



POWERED BY  
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