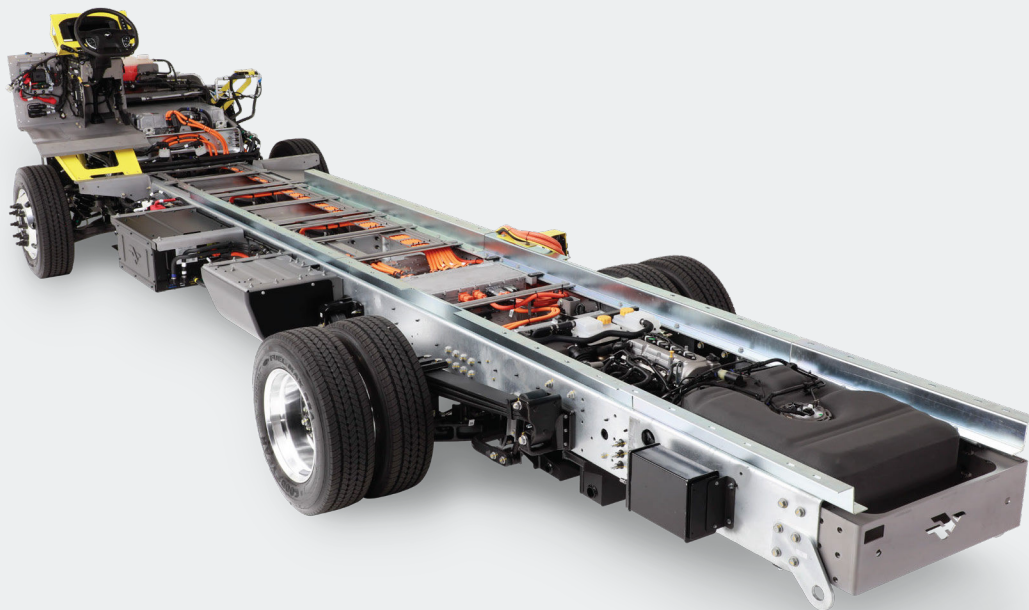




## Plug-In Hybrid Harbinger Chassis

The only plug-in hybrid with extended range in the medium-duty market.



### Up to 500 Miles<sup>1</sup> Combined Range

Battery-electric efficiency plus an onboard gas powered range extender means no mission-critical route is out of reach.



### 800V High-Power Architecture

Supports overnight AC depot charging and DC fast-charging to 80% in 1 hr for flexible operations.



### Modular Stripped Chassis

Offered in multiple wheelbases and GVWRs to support vans, box trucks, RVs and specialty upfits.



### ZEV Incentive Eligibility

Qualifies for federal & state ZEV incentives to reduce upfront acquisition cost.



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# Plug-In Hybrid Chassis Features and Specifications

Includes full electric chassis feature set

## Propulsion

|                                    |                                                                                          |
|------------------------------------|------------------------------------------------------------------------------------------|
| Drivetrain Architecture            | Permanent magnet motor, transmission, and differential in a fully integrated EDU         |
| Drivetrain Power                   | 330 kW (440 HP) peak / 219 kW (280 HP) continuous                                        |
| Drivetrain Torque                  | 1,550 Nm (1,140 ft-lb) at motor / 18,100 Nm (13,360 ft-lb) at wheel                      |
| Gradeability                       | 32% at GVWR                                                                              |
| Battery Architecture               | 800V system, multiple parallel packs (NCMA chemistry)   4 to 5 battery packs per vehicle |
| Battery Pack Energy                | 35 kWh per pack   140 kWh to 175 kWh per vehicle                                         |
| Voltage Range (operable)           | 520V – 800V                                                                              |
| Battery Pack Mass / Energy Density | 210 kg (462 lbs) per pack, 170 Wh/kg                                                     |
| Charging                           | J1772 (L1/L2) and CCS1 (L3) compliant, 1 hour fast charge capable                        |
| Battery Cooling                    | 50/50 water/ethylene glycol cooling medium                                               |
| Battery Safety Testing             | UN 38.3 and UN ECE R100                                                                  |
| Range                              | Up to 500 miles <sup>1</sup>                                                             |

## Hybrid System (Engine + Generator + Inverter)

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| Rated Output Power (DC) | 45 kW (vehicle in motion) / 20 kW (vehicle stationary) |
| Engine Type             | L4, 1.4L EFI                                           |
| Fuel Type               | Gasoline, 87 Octane                                    |
| Weight                  | 507 lbs / 230 kg                                       |

## Fuel System Specification

|                    |                  |
|--------------------|------------------|
| Usable Tank Volume | 47.5 Gallons     |
| Weight (Filled)    | 419 lbs / 190 kg |

## Dimensions and Weight

|                                    |                                                              |
|------------------------------------|--------------------------------------------------------------|
| Wheelbase                          | 178" or 208"                                                 |
| Gross Vehicle Weight Rating (GVWR) | 19,500 lbs, 22,000 lbs, or 26,000 lbs                        |
| Wheels and Tires                   | 19.5 x 7.5 wheels and 245/70 R19.5 tires                     |
| Corrosion Resistance               | Tested in accordance with GMW 14872 and ASTM B117 (20 years) |

<sup>1</sup>Vehicle range is based on internal testing and manufacturer estimates. Actual range may vary depending on factors such as number of battery packs, vehicle configuration and upfit, payload, driving behavior, environmental conditions, terrain, battery age, and maintenance, among other factors.

Specifications are subject to change without notice.

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