



Plug-In Hybrid Harbinger Chassis

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



Up to 500 Miles¹ 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.



Discover how our solutions can revolutionize your fleet.
Get in touch at sales@harbingermotors.com.

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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 ¹

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)

¹Vehicle 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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