B-Pillarless, one-box open body structure provides a wider door aperture for easy ingress/egress, disabilities access, and facilitates delivery services.

AHSS Extended Passenger Protection Zone provides excellent intrusion protection for rear-facing passengers.

Short Front Crash Zone structure meets the most stringent global crash requirements. Dual Phase (DP) Tailor Welded Blanks enable efficient design.

Small Offset Crash Glance Beam minimizes cabin intrusion and lowers crash pulse while preserving door ring and battery in 64 kph small overlap rigid barrier simulations.

Virtual B-Pillars are integrated into the doors, creating a compact section for better passenger visibility and improving passenger access. Bake Hardenable steel's Class A-quality surface enables complete elimination of the body side outer for mass and cost savings.

(Rocker) Hex beam energy absorbers, made of roll-formed DP steel, are low cost, compact, and mass efficient, minimizing side crash intrusion and achieving superior battery protection.

Industry-First Battery Carrier Frame eliminates the conventional battery case, utilizing the existing floor as the top cover, and features an AHSS triple-skinned bottom cover that seals the battery and provides protection from road debris and jacking errors. These efficiencies result in 37% mass savings (-27% less cost) and can be assembled offline for efficient vehicle integration.