



HLE STRATOS

Up to 42 passengers on the F-650, Freightliner S2C or International MV607. Coach-level capacity at shuttle-bus economics.



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Floor plans, photos and walkaround video for this model: highlevelbus.com/models/stratos. Every figure here is published on the compare page and is current as of September 2026. Confirm the exact build with your dealer before a purchase order.

Capacity

Passenger capacity	Up to 42 passengers · up to 11 wheelchair positions
Model sizes	HLE-36 – HLE-42
Luggage options	Rear compartment · overhead · interior rack
Passenger seat width	17.5 in standard · 19 in upgrade
Seat spacing	26 – 42 in, typically 31 – 34 in by floor plan

Chassis

Chassis options	Ford F-650 · Freightliner S2C · International MV607
Engine	Diesel or gas
GVWR	25,850 – 33,000 lb by chassis
Fuel options	Gas · Diesel · Propane · CNG
Fuel tank capacity	60 – 100 gal by chassis, plus DEF
Alternator	160 – 325 A by chassis

Dimensions

Wheelbase	260 – 306 in
Body length	306 – 392 in
Body width (mirrors excluded)	102 in
Interior width	98 in, inside wall to inside wall
Overall height	126 in without roof-mounted A/C — a roof-mounted A/C adds to this
Interior standing height	Raised floor 80 in
Entry steps	4-step entry (raised floor)
Step riser / run	8.25 in rise × 8.375 in run
Ground to first step	11.25 in
Aisle width	23 in (seat to seat, without armrests)



Accessibility	
Entry door width	36 in rough opening (33 in clear) · 42 in rough opening optional
Entry door opening height	82 in (floor to opening)
Wheelchair lift	Braun 800 – 1,000 lb · platform 34×51, 34×54, 37×51 or 37×54 in
Climate	
Air conditioning capacity	80,000 – 211,000 BTU
Construction	
Body structure	1.5 in × 1.5 in welded steel cage, fully powder-coated
Sidewalls	Pressure-laminated one-piece, bonded to the steel structure — no beltline seam
Roof	One-piece Impact Guard (grade IG03), fiberglass-reinforced polypropylene
Sub-floor	PerformMAX 500 with Ovation overlay
Insulation	1.5 in closed-cell EPS foam board, cut to fill each wall cavity · insulation R-5.85
Wiring	Custom-built wiring and harnesses per HLE brand · Amphenol / Molex marine-grade connectors
Leak test	Every bus rain-tested before delivery, with an inspector riding inside
Warranty and testing	
Warranty	3yr/36K bumper-to-bumper · 5yr/100K structural body · 7-year subfloor
Air conditioning warranty	By installed system — Spheros up to 5 years / unlimited miles · Trans/Air 2 years standard, extensions available
Testing	FMVSS compliant

How it is built

Feature	What it means
Steel cage	Welded 16-gauge steel tube, fully powder-coated, built directly on the chassis. Doubled roof tube, welded rear-wall bracing, welded skirt.
One-piece sidewall	A single pressure-laminated panel from roofline to skirt, bonded to the steel. No beltline seam, no floor-line seam.
Impact Guard roof	One-piece composite roof, reinforced through the panel and around the radius. It folds without cracking; ask your dealer for the sample.
PerformMAX 500 sub-floor	5/8-inch composite panel that sheds water instead of soaking it up, on laser-cut steel crossmembers. Warranted seven years.
Foam insulation	Closed-cell EPS board cut to fill every wall cavity to full depth and glued in place.
In-house wiring	Every harness built in Wakarusa with marine-grade sealed connectors and full loom. No butt connectors, no tap splices.
Rain-tested, every bus	Fifteen minutes minimum under full spray with an inspector inside, then a 25-mile road test, before delivery.

What is covered, in writing

Coverage	Term
Bumper-to-bumper (body and conversion)	3 years / 36,000 miles
Body structure, framing, roof, sidewalls, floor structure, body electrical, paint workmanship	5 years / 100,000 miles
PerformMAX 500 sub-floor	7 years / unlimited miles
Air conditioning	By installed system: Spheros up to 5 years / unlimited miles; Trans/Air 2 years standard
Chassis	Chassis manufacturer's warranty, in full

Effective September 2026. Original owner. Nothing in an HLE warranty prorates. Full documents at highlevelbus.com/why-hle/warranty-testing. Overall length is published per floor plan at highlevelbus.com/floor-plans.