

Universal

by Glaval Bus

UP TO 25 PASSENGER SEATING

The UNIVERSAL has become synonymous with reliability, performance and comfort. If dependability is your top priority, the UNIVERSAL is offered on the proven Ford E-Series chassis, available with either the 5.4L or 6.8L gas engine. Up to 25 passengers can travel in solid, quiet comfort with an interior styled to meet your specific application requirements. With many standard features and available options, you can have the rugged durability with Glaval's industry leading 'Steel- Safe' construction at an affordable price!

OVERLAND

CUSTOM COACH (2007) INC.



519-461-1140 (FAX) 519-461-0523

Unit shown with optional features

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STANDARD CHASSIS FEATURES

	Gas E350 3.4L	Gas E350 6.8L	Gas E450 3.4L	Gas E450 6.8L
Engine	3.4L V-8 Flex Fuel, Azure Hybrid & VTM Hybrid Capable	6.8L V-10 CNG Fuel & VTM Hybrid Capable	3.4L V-8 Flex Fuel, Azure Hybrid & VTM Hybrid Capable	6.8L V-10 CNG Fuel & VTM Hybrid Capable
Power	255hp, 350lb-ft	305hp, 420lb-ft	255hp, 350lb-ft	305hp, 420lb-ft
GVWR	11,500	12,500	14,050	14,500
Alternator	225 Amp	225 Amp	225 Amp	225 Amp
Fuel System	40 Gallons	40 Gallons	55 Gallons	55 Gallons
Driver's Air Bag	Standard	Standard	Standard	Standard
Transmission	5 Speed Automatic OD w/ Tow/Haul	5 Speed Automatic OD w/ Tow/Haul	5 Speed Automatic OD w/ Tow/Haul	5 Speed Automatic OD w/ Tow/Haul
Parking Brake	Foot-Operated, Hand Release	Foot-Operated, Hand Release	Foot-Operated, Hand Release	Foot-Operated, Hand Release
Wipers	Intermittent	Intermittent	Intermittent	Intermittent
Battery	1300 CCA Total	1300 CCA Total	1300 CCA Total	1300 CCA Total
Cruise Control	Standard	Standard	Standard	Standard
Fast Idle	Standard	Standard	Standard	Standard
Power Steering	Standard	Standard	Standard	Standard
Tilt Steering	Standard	Standard	Standard	Standard
Wheels	Six, 8-hole Disc, 16" x 6.0 K Steel	Six, 8-hole Disc, 16" x 6.0 K Steel	Six, 8-hole Disc, 16" x 6.0 K Steel	Six, 8-hole Disc, 16" x 6.0 K Steel
Tires	Six, Steel-belted Radial, All Season LT225-75x16E	Six, Steel-belted Radial, All Season LT225-75x16E	Six, Steel-belted Radial, All Season LT225-75x16E	Six, Steel-belted Radial, All Season LT225-75x16E
Head Lamps	Halogen Aero	Halogen Aero	Halogen Aero	Halogen Aero
Horn	Dual Electric	Dual Electric	Dual Electric	Dual Electric
Brakes	Front & Rear Disc	Front & Rear Disc	Front & Rear Disc	Front & Rear Disc
Anti-Lock	4-Wheel	4-Wheel	4-Wheel	4-Wheel
Stereo	AM/FM/CD w/ 5 Speakers	AM/FM/CD w/ 5 Speakers	AM/FM/CD w/ 5 Speakers	AM/FM/CD w/ 5 Speakers
Front Bumper/Grill	Chrome	Chrome	Chrome	Chrome
Air	Automotive	Automotive	Automotive	Automotive
Rear Stabilizer Bar	Standard	Standard	Standard	Standard
Driver's Seat	OEM	OEM	OEM	OEM
Exhaust	Rear Routed: Aluminum/Steel	Rear Routed: Aluminized Steel	Rear Routed: Aluminized Steel	Rear Routed: Aluminized Steel

MODEL SPECIFICATIONS

* All Measurements Approximate

Chassis	Ford E350	Ford E450
Wheelbase	138"/158"/176"	138"/158"/176"/186"/190"/208"
Overall Length (Bumper to Bumper)	21'-24'	21'-27'
Overall Width	96"	96"
Overall Height (Excludes Escape Hatch or Roof A/C)	114" (Add 8" for Raised Floor Option)	114" (Add 8" for Raised Floor Option)
Front Overhang	34 5/8"	34 5/8"
Interior Height	78"	78"
Interior Width	92"	92"
Aisle Width	18"	18"
Clear Door Opening	30"	30"
Floor Height from Ground	28 1/2" (Add 8" for Raised Floor Option)	28 1/2" (Add 8" for Raised Floor Option)
Ground to First Step	11 1/2"	11 1/2"
Step Rise	8 1/2"	8 1/2"
Step Tread	12"	12"
Step Width	34"	34"



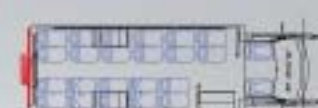
24', 14 Passengers w/ Rear Luggage + Driver



24', 21 Passengers + Driver



25', Rear Lift, 16 Passengers + Driver



25', 22 Passengers + Driver + Co-Pilot



25', 25 Passengers + Driver



27', 25 Passengers + Driver

STANDARD CONVERSION FEATURES

- "Steel-Safe" Constructed Floor, Roof and Sidewalls
- Galvanized Steel Floor Frame
- Galvanized Steel Stepwell
- Galvanized, All Structure
- 5/8" Treated Marine Grade Plywood Flooring
- Gray Koroseal Commercial Flooring w/ Ribbed Axle Cove Molding
- Vacuum Laminated Construction, Side and Rear
- Fiberglass Front Cap & 5-Piece ABS Rear Cap
- Fiberglass Composite Roof
- T-Side Windows
- Full View Curb Window
- Electric Panel w/ Diagnostic Fuses
- LED Stepwell Lights
- Vinyl Clad Luan Ceiling & Interior Sidewalls
- Track Seating
- Curb side Entrance Modesty Panel & Stanchion
- Rear Center Brake Light (Incandescent)
- Rear Mud Flaps
- Steel Rear Bumper (Powder Coated)
- Window Drip Rails
- Exterior Rub Rails
- White Exterior
- Foamed In-Place Roof Insulation
- Front End Alignment (Toe-In, Toe Out)
- Under-Coating with Warranty
- Manual Door 30" (except on Dual Door Chassis)
- Side Mounted Rear View Mirrors (Manual)

Paratransit Options

- Includes a single door, lift, park interlock, ADA Sign, Door Activated Lift and Entrance Lighting, Rear Exhaust (Rear or Roadside Exhaust required for Rear Lift)

Chassis Options

- Stainless steel snap on wheel covers
- Telma Retarder
- VTM Hybrid Assist System
- Granning Rear Air Ride Suspension
- Kelderman Rear Air Ride Suspension
- Azure Hybrid System
- CNG option
- MorRyde Suspension

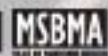
OVERLAND

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Dual Door Cab with Co-Pilot Seat



5 YEAR/100,000 MILE LIMITED WARRANTY

SPECIFICATIONS AND OPTIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE