

AZD Balance™ Hybrid Electric E-450 Bus Chassis

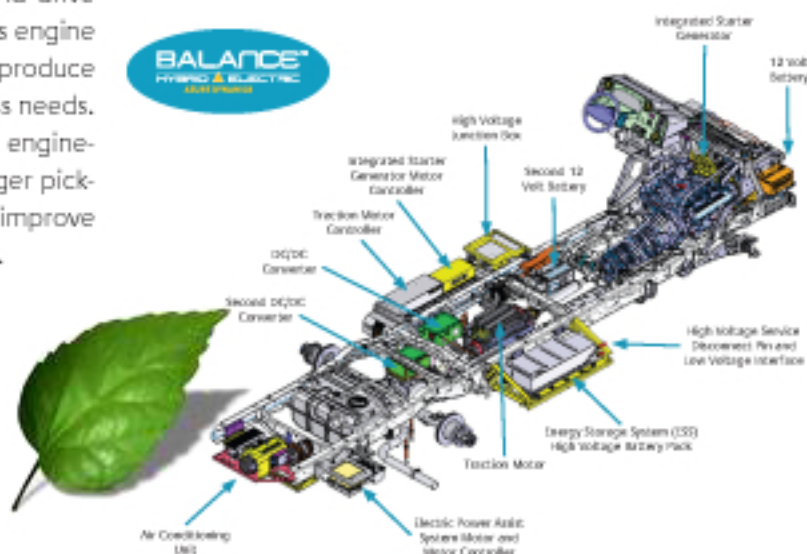
GAS / ELECTRIC HYBRID
by Glaval Bus

Overland Custom Coach (2007) has hybrid electric and electric drive technology for commercial trucks and shuttle buses. Working in collaboration with Ford Motor Company, AZD has developed a parallel hybrid electric drive system for Ford's E-450 Cutaway and Strip Chassis. The parallel hybrid drive system manages the conventional 5.4 litre Triton gas engine and the 5-speed automatic TorqShift transmission to produce a cleaner, more fuel efficient vehicle for your business needs. The Balance™ Hybrid features electric-launch assist, engine-off at stop (resulting in nearly emission free passenger pick-up), and regenerative braking which all combine to improve fuel economy and reduce greenhouse gas emissions.

Specifications

- GVWR up to 14,050 lbs
- 158 inch wheelbase
- Altoona tested for 7 year/200,000 miles
- Electric driven auxiliary systems include:
 - Body air conditioning
 - Power steering and brake boost
 - 12 V supply

An AZD Balance™ Hybrid Electric Chassis can offer:
40% fuel economy improvement
30% reduction in maintenance costs
30% reduction in greenhouse gas emissions



OVERLAND

CUSTOM COACH (2007) INC.

Driving a WORLD of difference.

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