

# AZD Balance™ Hybrid Electric E-450 Bus Chassis

**GAS / ELECTRIC HYBRID**  
**by Glaval Bus**

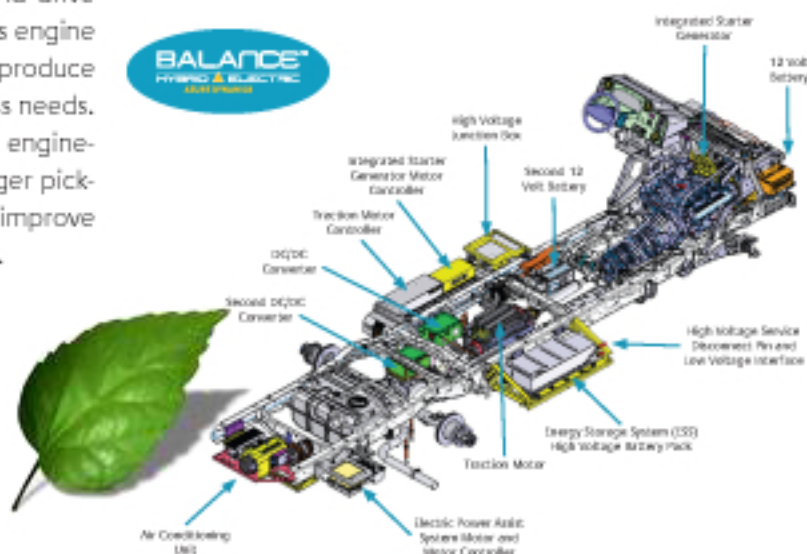
Overland Custom Coach (2007) has hybrid electric and electric drive technology for commercial trucks and shuttle buses. Working in collaboration with Ford Motor Company, AZD has developed a parallel hybrid electric drive system for Ford's E-450 Cutaway and Strip Chassis. The parallel hybrid drive system 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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