

Results

HMMWV

Engine: 119 hp

Vehicle Mass: 2676 kg

GVW: 4676 kg

Category: Military applications,
High-stress, extreme off-road performance



Series constant power at Hybridization Factor 0.15

- City: 14.2 MPG (0.7% imp)
- Highway: 23.1 MPG (12.6% imp)
- Combo: 17.1 MPG (58.3% imp)
- 0-60mph: 17.5s (54.1% imp)
- 40-60mph: 8.6s (60.6% imp)
- Gradeability: 11.0 (80.3% imp)

HUMMER H3

Engine: 225 hp

Vehicle Mass: 2136 kg

GVW: 2722 kg

Category: Commercial,
Consumer, customizable



Parallel Constant Power at Hybridization Factor 0.20

- City: 20.4 MPG (32.46% imp)
- Highway: 26.7 MPG (20.8% imp)
- Combo: 22.9 MPG (27.22% imp)
- 0-60mph: 9.2s (17.17% imp)
- ¼ mile: 17 (6.07% imp)
- Gradeability: 10.2 (32.8% imp)

TATA 1512 Transit Bus

Engine: 125 hp

Vehicle Mass: 8190 kg

GVW: 14860 kg



Category: Public transport,
Prolonged operation, long life

Parallel Constant Engine at Hybridization Factor 0.30

- Bus Route: 6.4 MPG (27% imp)
- 0-50mph: 26.3s (67.3% imp)

Comparison Results

