



Every MILES Makes A Difference

MILES ZX40S

Advanced Design

With AC Motor Technology



Zero Emissions. No Gas Required. The ZX40S *Advanced Design*, with its enclosed interior and hatchback features, is the most dynamic all electric, low speed passenger car on the market – A multipurpose, green solution for safely transporting people and sensitive equipment.

SAFE

- All steel body construction and side impact door beams
- Crash resistant bumpers and impact absorbing steering column
- DOT compliant seatbelts, tires and tempered safety glass throughout
- Street legal to 25 mph

COMFORTABLE

- Heater/front and rear defroster
- Front and rear windshield wipers
- Alloy rims
- Electric mirrors
- Functional design inside and out
- Spacious interior with rear fold forward seats to increase cargo area

OPTIONS

Many customizable options including:

- Air conditioning
- Thermal management system
- AM/FM/CD audio system

PERFORMANCE

- Advanced brushless, 3 phase induction AC motor
- Regenerative braking
- Superior hill climbing ability
- 40-45 mile driving range*

SMART

- Easily charged at any standard 110V outlet
- On average, costs 2-3 cents per mile to drive
- Prevent over 12,000 pounds of annual tailpipe emissions for every gas powered vehicle replaced with an EV**

* Under normal stop and go driving conditions after battery break-in

** According to EPA estimates: EPA420-F-05-004 February 2005



MILES

ELECTRIC VEHICLES

www.milesev.com

ZX40S ADVANCED DESIGN



No Gas Required.

ZX40S ADVANCED DESIGN



Side doors open



On-board charging port



No exhaust

Key Specifications

Maximum Speed	25 mph
Average Range	40-45 miles*
Acceleration	0-20 mph in 4.1 seconds
Dimensions	134" x 58" x 67"
GVWR	2,998 lbs (1,360 kg)
Curb Weight	2,350 lbs (1,066 kg)
Braking Distance	26' from 25 mph to 0 mph
Wheel Base	94"
Cargo Capacity	40.3 cubic ft - 2 passengers, rear seat raised 20.9 cubic ft - 4 passengers
Max Grade Ability	36.8%

Battery System

Type	Advanced sealed, absorbed glass mat (AGM), valve regulated, maintenance free lead-acid
Capacity	150 Ah
Estimated Battery Life	25,000 miles
Number of Batteries	6
Aux. Battery Type	12 V

Motor

Type	Brushless, 3 phase induction AC motor
Rated/Peak Power	7.5 kW/26 kW (10 hp/35 hp)
Rated Voltage	72 V
Maximum Torque	115 ft-lbs

Charging

Charging Time	4-6 hours (from 50% SOC to full charge)
AC Input Range	85 V - 265 V (45 Hz to 65 Hz)
Max. Charging Current	12 Amp
Max. Output Power	1,200 W

Controller

Rated Voltage	72 V
Rated Current	550 Amp

The MILES ZX40S *Advanced Design* exceeds the requirements of the NHTSA Standard 500 Regulation.

* Under normal stop and go driving conditions after battery break-in