

# E1-Car

# Bus 14 Seats

## STANDARD FEATURES

### BODY PANELS

“PP” Alloy automatic industrial special plastic with automotive grade U.V. resistant gloss color finish.

### BATTERIES

6V deep cycle heavy duty lead acid batteries, 6-7 short charge cycle.

### MOTOR

Premium quality AC 72V 7.5 kw high efficiency

### CHARGER

DC 72V 30A fully automatic high frequency intelligent charger

### STEERING

Self-adjusting, permanently, lubricated rack & pinion steering with sealed tie-rod ends.

### SUSPENSION

Automotive style fully independent with helical springs over hydraulic struts, cast aluminum front hubs and permanently lubricated sealed bearings.

### TRANS-AXLE

Direct coupled, splineless with high ratio precision helical gears @ 16:1 drive ratio. Low noise, minimal wear, low maintenance and long life.

### CONTROLLER

Toyota 440 amps Programmable

### CHASSIS

Seamless ladder style high tensile tubular steel with anti-corrosive full immersion phosphate treatment, electro-deposition epoxy base coating and electrostatically applied laser painted topcoat for maximum durability.

### BRAKES

Front disc brake and rear drum brake with hand brake

### WARRANTY

Two years or 2,000 hours against manufacture defective parts.



Vehicles may be shown with optional equipment. Specifications, standard equipment, accessories, and modifications are subject to change without notice.

## ENJOY THE FOLLOWING OPTIONS:

✚ DOT Windshield	✚ Regenerative braking system
✚ Suntop	✚ Front left & right gloves on dashboard
✚ Deluxe LED light package (Headlight, Brake & Taillight)	✚ Front Basket
✚ Turning Signal	✚ Cup Holder
✚ Built in Charger	✚ Heavy Duty Front and Rear Bumper
✚ Horn	✚ Speedometer
✚ Reverse Alarm	✚ Odometer
✚ Battery Discharge Indicator	✚ Heavy Duty Wheel and Tire

## SPECIFICATIONS

Length (mm)	5100
Width (mm)	1560
Height (mm)	2010
Ground Clearance (mm)	170
Wheelbase (mm)	4350
Range (km)	100-120
Forward Speed (km/hr)	0-30
Braking Distance (meter)	≤ 5.1
Turning Radius (meter)	6
Climb Capability (Full Load-Safe/Max%)	20 <sup>0</sup>
Tires	12”
Rec. Air Pressure (PSI)	30
Net Weight – No Batteries (kg)	640
Load Capacity (kg)	1420

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Website: [www.firstinternational.ae](http://www.firstinternational.ae) | Email: [sales@firstinternational.ae](mailto:sales@firstinternational.ae)

P.O. BOX 18176, DUBAI, UAE

TEL: 971 4 881 9960 | 800-GOLFCARS