

# E1-Car

## 2 Seats

### STANDARD FEATURES

#### BODY PANELS

ABS 747 Injection molded P.P. panels infused with automotive grade U.V. resistant gloss colour finish.

#### BATTERIES

8V deep cycle heavy duty lead acid batteries, 6-7 short charge cycle.

#### MOTOR

Premium quality AC 48V 4kw high efficiency

#### CHARGER

DC 48V 18A 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 @ 10.5:1 drive ratio. Low noise, minimal wear, low maintenance and long life.

#### CONTROLLER

Toyota 350 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.

#### BONUS STANDARD

This car comes with Straight Windshield, Front & Rear Baskets, Metallic paint & 2 Sand Bottles.

#### BRAKES

Mechanical brake with foot 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:

✚ Straight 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)	2450
Width (mm)	1160
Height (mm)	1840
Ground Clearance (mm)	114
Wheelbase (mm)	870/980
Range (km)	80-100
Forward Speed (km/hr)	18-24
Braking Distance (meter)	≤ 2.5
Turning Radius (meter)	2.9
Climb Capability (Full Load-Safe/Max%)	30/46
Tires	8"
Rec. Air Pressure (PSI)	22
Net Weight – No Batteries (kg)	250
Load Capacity (kg)	360

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