

# E1-Car

# Housekeeping

## STANDARD FEATURES

### BODY PANELS

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

### BATTERIES

U.S. TROJAN 8V deep cycle heavy duty lead acid batteries, 10hr short charge cycle.

### MOTOR

Premium quality U.S.A DC 48V 3.7kw high efficiency shunt wound, separately excitable motor.

### CHARGER

DC 48V 16A 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 aluminium front hubs and permanently lubricated sealed bearings.

### TRANS-AXLE

Direct coupled, splineless with high ratio precision helical gears @ 12:31 5:1 drive ratio. Low noise, minimal wear, low maintenance and long life.

### CONTROLLER

Curtis PMC Model 1268 SepEx® controllers are 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 top coat for maximum durability.

### HOUSEKEEPING LOAD SPACE

Three separate, large and easy access compartments each with three shelves Capacity: 450 kg.

### BRAKES

Mechanical self-adjusting rear drum brakes.

### WARRANTY

Two (2) Years against manufactured 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:

+ Fold down windshield	+ Front left & right gloves on dashboard
+ Suntop	+ Front basket
+ Deluxe light package (Headlight, led brake & signal light)	+ Cup holder
+ Turning signal	+ Heavy duty front and rear bumper
+ Built in charger	+ Body color metallic finish
+ Horn	+ Suntop color same as body color
+ Reverse Alarm	+ Wooden grain steering
+ Battery discharge indicator	+ Wheel hub cover
+ Regenerative braking system	+ Heavy duty wheel and tire

## SPECIFICATIONS

Lenght (mm)	3500
Width (mm)	1160
Height (mm)	1840
Ground Clearance (mm)	114
Treadwidth (mm)	870/980
Endurance (km)	80-90
Forward Speed (km/hr)	18-24
Braking Distance (metres)	≤3.0
Turning Radius (metres)	4.2
Climb Capability (Full Load-Safe/Max%)	20/30
Tires	8/10/12"
Rec. Air Pressure(Psi)	34
Net Weight-No Batteries (kg)	450
Load Capacity (kg)	450