



مؤسسة الفجر  
al fajer establishment  
A MEMBER OF AL FAJER GROUP



Eco-Friendly Eclectic Vehicle is the best choice for our planet

**Golf  
Carts**

**Utility  
Vehicles**



EXCAR SPIRIT EXCELLENT CAR



In **EcoCar** Division we deal with environmental friendly electric vehicles with no carbon emission to serve our society for cleaner and safer surroundings.

Excar buggies are ideal environmental friendly transportation means to be used in hotels, resorts, airports, factories, warehouses, parks, and also for individual use in gated communities, villas, farms etc.

Excar products portfolio includes multi-passenger shuttle vehicles such as 2-seater, 4-seater, 6-seater, 8-seater for transportation and also utility vehicles with different models and options.

Excar is a new high-tech enterprise specializing in electric golf carts and utility vehicles. Excar relies on the understanding and awareness of golf cart industry to build a famous made-in-China brand profited from American technologies and imported brands spare parts for an optimal configuration and best performance.

We are offering high quality products, provide after sales service and support the parts and any breakdown through our team of technicians.

*EXCAR is welcomed everywhere for its excellent usage and performance.*



**[Parks/Amusement Parks]**

With excellent driving power and road gripping braking power system. Excar enhances safety. It will make amusement parks more refreshing with its zero-pollution. It can be used for touring visitors and patrolling within the park.



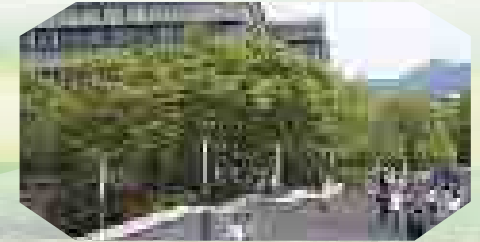
**[Large Business Sites / Factories]**

With its maintenance cost, Excar is renowned for its excellent comfort even on unpaved roads within business. It is appropriate for visitors and patrolling.



**[Leisure Complex / Condominiums]**

With a sophisticated and luxurious design and excellent comfort, it brings satisfaction to the customers. It can be used for sightseeing and moving emergency patients.



**[School / R&D Centers]**

As a zero-noise and zero-pollution electric car, Excar does not interfere with surroundings. Thus it is useful in patrolling, maintenance & repair of facilities, and transporting professors and students.



4 SEATER GOLF CART  
MODEL A1S2+2

 **ECOCAR**  
Division





**6 SEATER GOLF CART  
MODEL A1S4+2**

**ECO CAR**  
Division





8 SEATER SIGHTSEEING CART  
MODEL A1S6+2

 **ECOCAR**  
Division





**2 SEATER UTILITY CART  
MODEL A1H2**

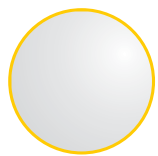


**Aluminum Bed:** It will never get rusty for it is made of aluminum. It looks beautiful because its side board is made by mold.

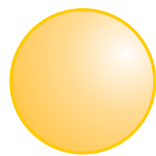




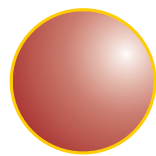
Optional Color:



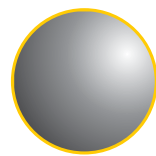
Pearl White



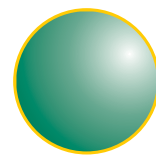
Beige



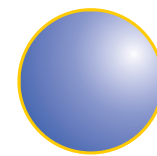
Red



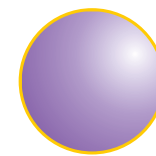
Black



Green



Blue



Purple

# [Specification]

Item \ Model	A1S2	A1S2+2	A1S4	A1S4+2	A1S6	A1S6+2	A1H2
Road clearance	114 mm						
F/R tyre distant	860/970mm						
Load	360kg	360kg	450kg	450kg	510kg	510kg	600kg
Wheelbase	1670mm	1670mm	2490mm	2490mm	3300mm	3300mm	2310mm
Turning radius	2.9m	2.9m	3.9m	3.9m	5.1m	5.1m	3.6m
Net weight (ex.Bat)	250 kg	280 kg	320 kg	350 kg	410kg	450 kg	380 kg
Dimension	2350*1200*1800	2750*1200*1800	3150*1200*1800	3450*1200*1800	3850*1200*1800	4250*1200*1800	3350*1200*1800

## [Standard Configuration with DC system]

Batteries	USA Trojan Battery at 6 x (8v/170Ah)						
Charger	Automatic Charger, 48v 17Amp regulator						
F/R suspension	Coil spring with hydraulic shock absorber						
Steer system	Self-adjusting rack & pinion						
Body and cover	All engineering plastic						
Tyre	Carlisle 18*8.5-8 tyre			Carlisle 205/50-10 tyre (Optional)			
Brake system	Rear wheel mechanical drum + Parking Brake						
Framework/chassis	Alluminum alloy framework		Steel alloy framework				
Controller	USA Curtis Controller 48v 275A or 400A						
Motor	USA ADC Separately excited 48v / 3.7kw						
Transaxle	Italian GRAZIANO axle with gear ratio 1:12.315						
Climbing Capacity(Full load)	30%	30%	30%	30%	20%	20%	20%
Endurance mileage	60 ~ 70km	60 ~ 70km	60 ~ 70km	50 ~ 60km	50 ~ 60km	50 ~ 60km	50 ~ 60km
Max forward speed	25km/h	25km/h	25km/h	25km/h	23km/h	23km/h	23km/h

## [Optional Configuration with AC system]

Controller	Curtis AC Motor Controller						
Motor	48v 3.0kw AC motor			48v 5.0kw AC motor			
Transaxle	Transaxle with gear ratio 1:15						
Climbing Capacity(Full load)	35%	35%	35%	35%	25%	25%	25%
Endurance mileage	80 ~ 90km	80 ~ 90km	80 ~ 90km	60 ~ 80km	60 ~ 80km	60 ~ 80km	60 ~ 80km
Forward speed	18~45km/h	18~45km/h	18~45km/h	18~30km/h	18~30km/h	18~30km/h	18~40km/h

## [Accessories]

### [Standard Accessories]

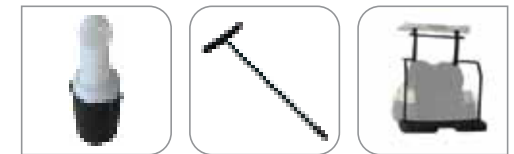


Roof

One piece windshield

Charger

### [Optional Accessories]



Sand bottle

Sand Rake

Caddie Plate



Ice Box

Ball Washer

Ashtray



Head Light

Signal Light

Rain Curtain



Aluminum Rim

Two pieces windshield

Sunshade



Mirror

Paper bag

Golf Bag Container

# Features



**Controllor:** Curtis Controllor, the best controller in electric car, is used in golf car of EXCAR.



**Body:** The whole body is made of engineering plastic, which helps lighten the car and made the car looks beauty.



**Accerlation assembly:** Noncontact sensor, stable and seldom fault.



**Framework/chassis:** made of aluminum avoiding being eroded and less weight. Steel support provides large tenacity and anti-break.



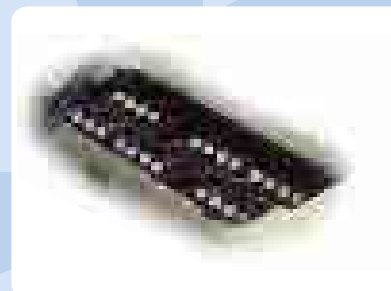
**Rear/Front suspension:** Independent spring suspension, Hydraulic Shock Absorber.



**Batteries container and front cowl support:** The container is made of flame retardant PP and aims to prevent body from eroding; The support is designed particularly to be a powerful framework.



LED Lighting System



**Batteries:** Adopted Trojan T-875 battery from USA. Power of 48 Voltage supply more energy and lasting more time.



**Rear transaxle:** It comes from Italian Graziano. It is well-known by its high quality in the field of electric car.



**Motor:** 48v 5 horsepower separately excited motor from ADC, with the feature of low noise and strong power.



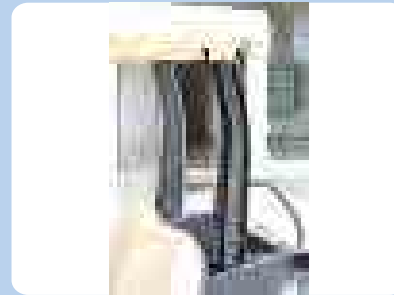
**Automatic Charger** 48v/17Amp  
Voltage regulator



**Roof:** The roof with graceful shape with handgrip at each side



**Windshield:**It is made of imported material. It is stiff enough to endure a serious clash.



**Roof support:**EXCAR distinguishes the car by the feature of Imbedding steel tube in the plastic support .



**Seat bottom and back :** Sponge foam with vinly cover attached hip restraints



**Brake:** Real wheel mechanical drum brakes  
**Parking brake:** foot-operated multi-look

## High Velocity Carts



### 6 significant features:

- 1 Sealed and brushless motor, maintain free for its lifetime .
- 2 Efficiency of AC system is 10 to 15 percent higher than DC system, which increases endurance mileage.
- 3 AC system controls the velocity with more high precision which guarantees more safety while it is going down hill.
- 4 AC system records all the information while driving, such as passing mileage and work time.
- 5 AC system records and displays the capacity of batteries and protects the battery form overdischarging.
- 6 AC system can output all the error codes for maintaining.

High Speed Electric Carts ( AC system)

## Golf Carts

As the major product of Excar, golf cart series has been keeping improved and innovated technically and now becomes a famous brand and gets approved by the market for its high quality. Excar distinguishes its golf carts from the others by its latest fashion, high configuration and serious manufacturing. It would be a total new feeling while you are driving Excar golf carts.



## Sightseeing Carts



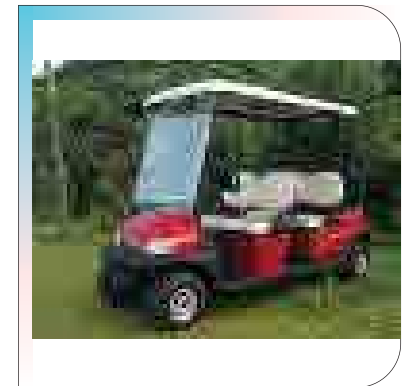
A1S6+2



A1S4+2



A1S2+2



A1S4

*Enjoy the beautiful scene! Enjoy the Excan sightseeing carts!*

## Utility Carts



Insulated Food Box  
F&B Buggy



Aluminum Box  
Housekeeping Buggy



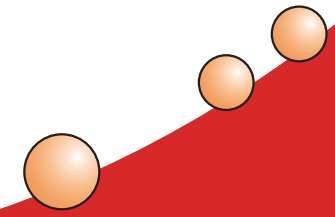
A1S2 SC



Mobile Cafeteria



Ambulance



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