



Featuring  
 Revolutionary  
 Premium ECAR  
 Controller™



# LT-A827.6

## Electric Vehicle Technical Index

*\*This is not a road vehicle. It has been designed principally for non-public road use. Compliant for conditional or limited access registration only.*

The A827.6 is used extensively as a general purpose people mover in gated communities, caravan parks & lifestyle resorts, theme parks, retirement villages, hotels, airports and industrial complexes. Accommodating of 6 adults in comfort, the A827.6 provides efficient, reliable and durable transport. It is equipped with ergonomic seat and leather fabric. A variety of optional extras are available including multi-media audio and video system. The powerful AC motor matched to the new advanced ECAR Premium Controller allows adjustable speeds of up to 24Kph.

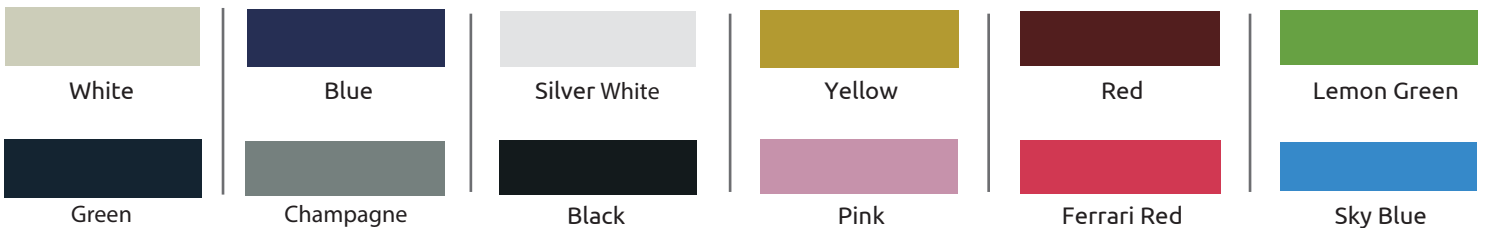
### Outstanding Specifications & Exceptional Warranty

Based on advanced German engineering and design all e-car models feature the industry's leading U.S.A. and European brand electrical and mechanical components and are backed by an exceptional warranty.

**2 YEARS** on electrical and mechanical components

**2 YEARS** on batteries

### Choice of Twelve Standard Colours



\* Other Colours available by Special Order ( Minimum Quantities may apply)



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 7/42 Export Dr,  
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## SPECIFICATIONS: A827.6

### Key Components

Battery	Maintenance-free battery 8V x 6 units
Motor	48V 4KW AC Motor
Controller	Premium ECAR Controller
Charger	Intelligent onboard charger
Transaxle	Gear ratio 16:1

### Performance

Passenger Capacity	6 - Person
Range	70-85 km (Flat Road)
Max. speed	24km/h
Min. Turning Radius	5.8m
Max. Climbing ability ( Loaded)	10%
Brake Distance	<6m



### Dimensions

Overall Dimensions: LWH (mm)	4405 x 1210 x 1915mm
Min. Ground Clearance (mm)	120mm
Gross Weight (With Batteries)	700kgs

### Electrical System

Lighting System	Headlight, taillights, brake light, position light, turn signals
Reversing Alarm	Snail horn, reversing buzzer

### Steering and Suspension

Steering System	Double-ended Rack and Pinion, Self-adjusting
System Brake	Four wheel hydraulic disc brake
Park Brake	Electromagnetic brake parking
Suspension System	Coil spring + hydraulic shock absorbers + rear stabilizing bar
Tyre	10 inches steel rim

### Body & Frame

Frame	Aluminum alloy profile frame + PP injection molded
Body	Front body seat barrel and rear body are PP injection molded
Windshield	Acrylic glass
Seat cushion	Ergonomic seat, leather fabric
Dashboard	Plastic forming instrument dash, key switch, single- arm combination switch
Roof	Aluminum profile roof support with black painting
Mirrors	One adjustable and foldable external side mirror on each side

### Other Standard Inclusions

LED speedometer  
High strength structure  
Corrosion resistance & aging resistance

### Optional Extras (Additional Costs Apply)

Multi-media audio and video system  
Toughened glass + wiper

