

Electric Vehicles Transportation & Industrial

MOVING PEOPLE TOWARDS THE FUTURE



Australian Electric Vehicles provides an environmentally friendly solution to your transportation and industrial utility vehicular needs.

All vehicles are constructed with durability, versatility and performance in mind, and use Australian parts for cost efficiency in maintenance and production.

All are fitted with a robust power efficient brushless motor technology, developed and manufactured in Australia. This gives you better carrying capacity and longer vehicle life between recharges.

Proudly Australian owned and manufactured.

UTILITY VEHICLES

All our electric vehicles are constructed with a rugged steel frame chassis made with Australian RHS steel to take the demands of large payloads and tuff industrial applications.

Meet the demands of any job.

Our utility vehicles are built on leading edge brushless motor technology. This means significantly improved performance in both power and battery efficiency.

Therefore, you can carry/pull more pay load for longer.

The vehicle is powered by a 36 volt brushless DC motor providing extended vehicle operating life, fitted with 6 heavy duty deep-cycle lead-acid batteries.

Under normal operating conditions, the vehicle will operate at full speed for a duty-cycle of about 7-8 hours. This equates to an available vehicle travelling distance of approximately 70-80 km.

This is significantly longer range than many of the other major electric vehicle manufactures.

Our electric vehicle range provides an environmentally friendly solution to your industrial carrying needs. Therefore, these vehicles can be used within under-covered or enclosed areas, such as warehouses, without polluting the atmosphere with toxic fumes.



Robust Versatile Electric Utility—can tow or carry

STANDARD FEATURES

The vehicles are trimmed with fibreglass body work (not plastic) for strength and durability. All seats, canopies, and drop-sides are made from UV resistant materials for long life.

Our utility vehicles all come standard with rack and pinion steering and full suspension for improved drivability and handling in confined spaces.

Our driver's cab, with integrated windscreen, is standard. Unlike many other suppliers, where these are optioned in and thus increase the overall price.

Performance & Safety are fully integrated as standard.

Also, standard is a fully retractable driver's inertia seat-belt for added safety.

The utility vehicle is only 1.0 metres wide to allow operation within building lifts and some narrow passage ways.

All vehicles are speed limited to 8-10 km/hr for driver and pedestrian safety.

Low ground clearance for easy step-up for the driver.

FULLY CONFIGURABLE

The entire vehicle is fully configurable to include different towing and carrying configurations.

We can include tipper trailers, enclosed rear cabinets with or without shelving, standard utility trays with or without drop-sides.

Basically any configuration is possible to meet your

specific needs, so please come and discuss your needs with our sales team.

If you don't need some of the standard features listed above, like the driver's cab, then the utility can be manufactured without it to suit your needs.

TRANSPORTATION VEHICLES

The transportation based vehicles are a derivative of the industrial utility vehicle customised to carry people.

These vehicles are also constructed with a rugged steel frame chassis made with Australian RHS steel to take the demands of large payloads.

They are also built on leading edge brushless motor technology providing significantly improved performance in both power and battery efficiency. Therefore, you can carry more people for longer.

The vehicle is powered by the same 36 volt brushless DC motor providing extended vehicle operating life and fitted with 6 heavy duty deep-cycle batteries.

Under normal operating conditions carrying up to 8 people, the vehicle will operate at full speed for a duty-cycle of about

7-8 hours. This equates to an available vehicle travelling distance of approximately 70-80 km.

This is significantly longer range than many of the other major electric vehicle manufactures.



ENVIRONMENTALLY FRIENDLY

Our electric vehicle range provides an environmentally friendly solution to your transportation requirements.

Move your people in a clean, green vehicle.

*The Future is Clean and
Green People Movers*

Therefore, these vehicles can be used within under-covered or enclosed areas, such as warehouses, without polluting the atmosphere with toxic fumes.

STANDARD FEATURES

All the standard features of the electric utility vehicles apply to the electric people movers.

FULLY CONFIGURABLE

The entire vehicle is fully configurable to include different seating configurations, such as carrying 2, 4, 6 or even 8 passengers. You can have all forward or a mixture of forward and rear facing seating.

We also specialise in people movers for the elderly with very low step height and custom swing out handle-rails to facilitate entry.

Basically any configuration is possible to meet your specific needs, so please come and discuss your needs with our sales team.





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FULLY CONFIGURABLE TO SUIT YOUR NEEDS

Both the transportation and utility vehicles are fully customisable. Below are some of the common options:

- ✓ **Amber Safety Strobe Beacon**, which may be required in many industrial applications as required by your local OH&S regulations.
- ✓ **External Cab Mirrors**, which provide added safety in some environments where there is frequent reversing.
- ✓ **Safety Lighting Package**, which includes halogen headlights, taillights, brakelights, turn indicators, and horn.
- ✓ **Passenger Seat Belts**, which includes sash belts for each additional passenger.
- ✓ **Hour Meter**, which provides the driver with a readout of the operating hours of the vehicle. Only available on the electric vehicles.
- ✓ **Battery Capacity Meter**, which provides the driver with a readout of the batteries voltage. Only available on the electric vehicles.
- ✓ **Additional Roof Mounted Headlights**, which provided additional lighting if the vehicle operates in darkness and more lighting is required.
- ✓ **Integrated Roll-cage**, which provides added driver safety.
- ✓ **Storm Covers**, which provides clear see-through UV protected drop-sides for protection from the weather for the driver and/or passengers.
- ✓ **Fully Enclosed Cab**, hinged doors can be added to the vehicle's cab.

✓ **Galvanised Frame.**

Utility specific options:

- ✓ **Selection of Towbar Assemblies**; different towbar assemblies are available such as the standard ball, pintle hitch, and ring couplings.
- ✓ **Selection of Rear Tray Assemblies**; different rear assemblies are available from enclosed weatherproof cabinets to open utility trays with or without drop-sides.
- ✓ **Trailers**, many different trailer configurations are available.
- ✓ **Tray Coverings**, supplied standard is aluminium checker-plate, but other coverings are available upon request, such as rubber matting etc.

Transportation specific options:

- ✓ **Fully Enclosed Cab and Passenger's Compartment**, hinged doors can be added to the vehicle's cab and passenger's compartment.
- ✓ **Canvas or Fibreglass Roof**, which provides a choice of colours for added UV and weather protection to the passenger's.
- ✓ **PA System**, which allows the driver to communicate with the passengers.
- ✓ **Elderly/Mobility Impaired Passenger's Package**, which included low step height and special swing-out arm rests for passenger support during embarkation/disembarkation.

CHOICE OF COLOURS

