



## THIS CART IS SUITABLE FOR:

*Community Transporter, Commercial Service, Industrial Facilities*

### The Trusted ECAR Golf Australian Warranty

#### PERSONAL USE WARRANTY

5 years on Chassis  
5 years unlimited kilometre warranty on Lithium Battery  
3 years on Lithium Battery Charger  
2 years on Electrical & Mechanical

#### COMMERCIAL USE WARRANTY

5 years on Chassis  
5 years unlimited kilometre warranty on Lithium Battery  
3 years on Lithium Battery Charger  
2 years on Electrical & Mechanical

#### ECAR OEM Lithium Battery Options

##### PRO-Li Core 105Ah

Designed and produced by ECAR Golf.  
This certified and integrated battery system is designed for approximately 4-6 hours of use per charge.

##### PRO-Li Plus\* 150Ah

Designed and produced by ECAR Golf.  
This certified and integrated battery system is designed for approximately 6-10 hours of demanding use per charge and improved battery performance.

ECAR PRO-Li Lithium Battery systems are compliant with AS/NZS 3001.2:2002 for use in Australia and are an OEM battery, not a third party system. We are fully insured and fully certified.

#### Standard Colour Options

 Metallic Black	 Metallic Gunmetal	 Metallic Silver
 Metallic Burgundy	 Metallic Forest Green	 Metallic Navy Blue
 Metallic Champagne	 Metallic White	

This cart is not for public road use - compliant for conditional or limited-access registration only. Please consult your local dealer or state/territory transport department for more information on the approve use.

## TECHNICAL DATA & SPECIFICATIONS

Cart Main Electrical Components	Proprietary Controller	ECAR 350A Controller, 48V 350A System
	Electric Motor	LT AC Synchronous (Induction) 48V/4kW (High Torque, Brushless)
	Batteries (SE Asia, UAE Models)	ECAR No Maintenance Gel, 8V-150Ah x 6. (Certified OEM ECAR PRO-Li Lithium options available)
	Batteries (Australia/NZ Models)	Certified UL1642/AS IEC62619:2022 with complies with AS3001:2022. ECAR OEM PRO-Li Lithium Core 105Ah or Plus+ 150Ah Systems. AS IEC62619:2022 certification exceeds the Australian requirement of the minimum IEC 62133-2:2017+AMD1:2021 certification.
	Charger (SE Asia, UAE Models)	On board Intelligent Delta Q 48V DC Output Charger. 6-8hr Charge time from SOC >15%
	Charger (Australia/NZ Models)	ECAR OEM RCM PRO-Li On board Intelligent Lithium Battery Charger. RCM approved & compliant for use with only ECAR PRO-Li Batteries.
	DC-DC Convertor	Isolated DC-DC Convertor 48V/12V Output 300W Output
Steering & Mechanical	Steering System	Two-way rack & pinion steering system, automatic gap compensation function for direct & accurate control.
	Braking System	2 Wheel Self-adjusting rear Drum Brakes for easy maintenance with an Automatic Electromagnetic Parking Brake.
	Front Suspension System	Single A-Arm with MacPherson Independent suspension; coil spring + cylinder hydraulic shock absorbers. Automotive style
	Rear Suspension System & Trans-axle	Independent coil spring shock absorber with panhard rod. Integrated rear Trans-axle. Ratio: 12.31:1 (2 Seat ratio)
	Wheels & Tyres	10-inch 'Bulldog' Mag Wheels with the 205/50-10 4P Turf Tyre.
Cart Exterior	Body	Injection moulded Automotive Painted Modular Body Panels with UV resistant clearcoat
	Roof Panel	Automotive engineering PP material injection mould with grab handles
	Windshield	Safety DOT Folding Acrylic Windshield - Suited for golf course use
	Chassis	3 stage powder-coated tubular type and electro-treated Chassis (5 yr ECAR Chassis Warranty)
Lighting	Lights and Warning signals	Halogen single beam Headlights, Indicators, Rear Tail Lights, & Brake Lights, Horn & Reversing Buzzer
	Additional Lighting Accessories	Consult an authorised dealer for 12V Lighting Accessories
Standard & Interior Features	Dashboard	Moulded instrument panel, digital vehicle odometer/speed meter showing speed & accurate Lithium Battery SOC (ECAR only)
	Interior Seating	Black marine grade standard vinyl seats. Commercial rated. Rear Fold out 2-Way Rear Facing Seat (Under roof) Seat Covers included as standard for low heat transfer
	Interior floor	Non-slip rubber floor.
	Rear-view Mirror (OPTIONAL)	Interior Large Convex rear-view Mirror + L/RHS rear-view Mirrors.
Cart Main Dimensions	Length x Width x Height (mm)	2750 (L)(from rear to front plastic bumper) x 1230 (W) x 1910mm (H)
	Tare Weight (No Batteries)	385kg
	Wheelbase width between (center of tread to center of tread)	Front 900mm, Rear 1020mm   Wheelbase length: 1640mm
Cart Ratings	Rated Number of Passengers	4 (2 forwards, 2 rear facing)
	Max. Recommended Driving Speed	25 km/hr (programmable 15-40km/hr). Legal Speed Limit 20km/hr
	Avg. Driving Distance per Charge	60-90 km (Battery Amp hour dependent) on flat ground per charge from 100% SOC). Must charge the cart after every use to maintain battery health and operate at its optimal charge level
	Maximum Recommended Grade	25%
	Minimum Ground Clearance	Approximately 120mm
	Minimum Turning Radius	2.9m
	Rated Braking Distance	< 3m
	Avg. Energy Consumption	4.0-6.0kW/hr based on terrain and programmed parameters of the controller. This is with max current draw 100% of the time in testing conditions.
Included A-Series Accessories	Standard Included Golfers Accessory	Seat Covers, Bull bar, Tow Bar
Optional Extras	5kW Motor Upgrade; Grey/Beige Vinyl Seats; Marine Grade Rain Curtains	

