

# ecar

## MODEL Magnum 4+2



### THIS CART IS SUITABLE FOR:

Community Transporter, Commercial Service, Industrial Facilities

### The Trusted ECAR Golf Australian Warranty

#### PERSONAL USE WARRANTY

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

#### COMMERCIAL USE WARRANTY

7 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.

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## TECHNICAL DATA & SPECIFICATIONS

Cart Main Electrical Components	Proprietary Controller	ECAR 350A AC Controller. 48V 350A System (Programmable).
	Electric Motor	LT AC Synchronous (Induction) 48V/4kW (Higher Torque, Brushless).
	Batteries (Australia/NZ Models)	Certified OEM ECAR PRO-Li Lithium Core 105Ah and Plus+150Ah Systems.
	Batteries (SE Asia, UAE Models)	ECAR No Maintenance Gel, 8V-150Ah x 6. (Certified & Manufacturer Approved ECAR PRO-Li Lithium options available)
	Charger (Australia/NZ Models)	ECAR OEM PRO-Li On board Intelligent Lithium Battery Charger. RCM Approved & Compliant for use with only ECAR OEM PRO-Li Batteries.
	Charger (SE Asia, UAE Models)	On board Intelligent Delta Q 48V DC Output Charger. 6-8hr Charge time from SOC >15%
	DC-DC Converter	Isolated DC-DC Converter 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	4 Wheel Hydraulic Disc Brakes with Automatic Electromagnetic Parking Brake.
	Front Suspension System	Dual Swing Arm with MacPherson Independent suspension on both front wheels; coil spring + cylinder hydraulic shock absorbers. (Enhanced Automotive style)
	Rear Suspension System & Trans-axle	Integrated rear Trans-axle. Ratio: 16:1 (LWB) with coil spring + cylinder hydraulic shock absorbers.
	Wheels & Tyres	10" 'Bulldog' Alloy Wheels with 205/65-10 High wall 4P General Tyre.
Cart Exterior	Body	Injection moulded Automotive Painted Front Body Panels with UV resistant clearcoat. Poly rear body panel for additional styling.
	Roof	Automotive engineering PP material injection mould Roof with aluminium uprights
	Chassis	3 stage powder-coated RHS Type and electro-treated chassis (7 yr ECAR Only Chassis Warranty)
	Windshield	2 piece Acrylic Folding Windshield
Lighting	Lights and Warning signals	LED High/Low Beam Headlights, LED Daytime Running Lights, LED Indicators, LED Rear Tail Lights, LED Brake & Hazard Lights, Horn & Reversing Buzzer
	Additional Lighting Accessories	Consult an authorised dealer for 12V Lighting Accessories
Standard & Interior Features	Dashboard	50mm round instrument panel, digital vehicle odometer/speed meter showing speed & accurate Lithium Battery SOC (ECAR only) mounted on the steering column
	Interior Seating	Light Grey marine grade vinyl seats. Mid-back with folding armrests. Commercial rated. Rear Facing fold out seat to a flat platform.
	Interior floor	Alloy corrugated floor. Optional Rubber floor mat is available as an additional accessory (Consult authorised dealer)
	Rear-view Mirror	Interior Convex rear-view Mirror + L/RHS standard rear-view Mirrors.
	Length x Width x Height (mm)	3645(L)(including bull bar) x 1270 (W) x 1930mm (H)
Cart Main Dimensions	Tare Weight (No Batteries)	489kg
	Wheelbase overall length (center of front hub to center of rear hub)	2400mm
	Wheelbase width between (center of tread to center of tread)	Front 905mm, Rear 1000mm
	Rated Number of Passengers	(6) 4 Forward facing, 2 Facing Backwards
Cart Ratings	Max. Recommended Driving Speed	25 km/hr (programmable 15-40km/hr). Legal Speed Limit 20km/hr
	Avg. Driving Distance per Charge	70-120 km (Battery Amp hour dependant) on flat ground per charge from 100% SOC)
	Maximum Recommended Grade	25% (20% for Hill Hold Limit)
	Load Ratings (kg) (level ground)	Towing: 350kg. Ball Vertical Weight: 50kg (rated on level ground). Rear Seat Platform: 150kg. Total Cart Load inc. Passengers & Cargo: 750kg
	Minimum Ground Clearance	Approximately 135mm
	Minimum Turning Radius	4.45m
	Rated Braking Distance	< 6m
	Avg. Energy Consumption per 100km	4.0-8.0kW/hr based on terrain and programmed parameters of the controller
	Standard (no additional charge)	Steel Powder-coated Commercial Bull bar, Rear Tow Bar, 3-point Seat Belts.
Included HD Accessories		
Optional Extras	5kW Motor Upgrade; Black or Beige Vinyl Seats, Marine Grade Rain Curtains, Tempered Glass Windshield with Wiper	



CONTACT YOUR LOCAL DEALER FOR PRICING  
Find our authorised dealers at [ecargolf.com.au](https://ecargolf.com.au)