



Optional extras shown: Roof Flashing Light



**THIS CART IS SUITABLE FOR:**  
*Wheelchair Accessible Transport*

**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 Included**

**PRO-Li Plus<sup>+</sup> 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**



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.

# Magnum 4AT

## 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 (High Torque, Brushless)
	Batteries (Australia/NZ Models)	Certified and Manufacturer Approved ECAR PRO-Li Lithium Core 105Ah or Plus+ 150Ah Systems.
	Charger (Australia/NZ Models)	ECAR 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	4 Wheel Hydraulic Disc Brakes with Automatic Electromagnetic Parking Brake.
	Front Suspension System	Dual Swing Arm with MacPherson Independent suspension on all four wheels; coil spring + cylinder hydraulic shock absorbers. Automotive style
	Rear Suspension System & Transaxle	Rear coil spring + cylinder hydraulic shock absorbers with rear stabiliser bar. Integrated rear Transaxle. Ratio: 16:1 (LWB)
	Wheels & Tyres	10" 'Bulldog' Alloy Rims with 205/65-10 High wall 4P Turf Tyre
Cart Exterior	Body	Injection moulded Automotive Painted Front Nose Cone with UV resistant clearcoat. Aluminium Sideskirt panels
	Roof Body Panel	Automotive engineering PP material injection mould with Aluminium frame
	Front shield and wiper	Safety Folding Acrylic 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	Moulded instrument panel, digital vehicle odometer/speed meter showing speed & accurate Lithium Battery SOC (ECAR only)
	Interior Seating	Black/Grey marine grade vinyl Standard Seats. Commercial rated. Seat Covers are available for low heat transfer if required
	Interior floor	Alloy corrugated floor with 4 x secure tie-down wheelchair points
	Wheelchair Ramp & Fence	Aluminium Checkerplate with powdercoated Steel Frame folding Wheelchair Ramp - Fall Arrest Stainless Steel Fence on opposite side of wheelchair zone for passenger protection. The ramp is lift assisted via a gas lift strut and secured in place with latches for safe travel
	Rear-view Mirror	L/RHS rear-view Mirrors.
	Length x Width x Height (mm)	4352 (L) x 1210mm (W) x 1915mm (H)
	Tare Weight (No Batteries)	545kg
Cart Main Dimensions	Wheelbase overall length (center of front hub to center of rear hub)	3310mm   Wheelbase widths: Front 895mm, Rear 1000mm
	Wheelchair Ramp (mm)	1370 (L) x 900mm (W) in loading position. 13 degree loading angle (on flat ground)
	Rated Number of Passengers	4 x forward facing, 1 x Wheelchair forward facing
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	20% (15% for Hill Hold Limit)
	Load Ratings (kg)	Towing: 350kg (if fitted), Ball Vertical Weight: 50kg (rated on level ground) Total Cart: 800kg. Ramp rated to 250kg
	Minimum Ground Clearance	Approximately 120mm
	Minimum Turning Radius	5.8m
	Rated Braking Distance	< 6m
	Avg. Energy Consumption per 100km	8.0-9.5kW/hr based on terrain and programmed parameters of the controller
Included Magnum Accessories	Standard Included Accessory	Steel Powder-coated Commercial Bullbar, Seat Belts
Optional Extras		5kW Motor Upgrade; Black or Beige Vinyl Seats, Marine Grade Rain Curtains (dealer installed locally), commercial roof flashing light