



## THIS CART IS SUITABLE FOR:

*Sports Facilities & Stadiums, Schools/Universities, Government, Event Organisers*

### 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



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 MEDIC

## 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 (SE Asia, UAE Models)	ECAR No Maintenance Gel, 8V-150Ah x 6. (Certified & Manufacturer Approved ECAR PRO-Li Lithium options available)
	Batteries (Australia/NZ Models)	Certified and Manufacturer Approved ECAR PRO-Li Lithium Core 105Ah or Plus+ 150Ah Systems.
	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 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 heavy duty leaf 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 Side and Kick Panels with Aluminium Rear Passenger Step.
	Roof Body Panel	Automotive engineering PP material injection mould (painted) with Aluminium frame
	Front shield and wiper	Safety Folding Acrylic Windshield - Solid Acrylic Windshield by special order
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	Grey marine grade high-back vinyl seats with slide and tilt adjustment. Commercial rated.
	Interior floor	Alloy corrugated floor. Optional Rubber floor mat is available as an additional accessory (Consult authorised dealer)
	Rear-view Mirror	L/RHS rear-view Mirrors.
Cart Main Dimensions	Length x Width x Height (mm)	3750m (L) x 1310mm (W) x 1930mm (H)
	Tare Weight (No Batteries)	495kg
	Wheelbase overall length (center of front hub to center of rear hub)	2400mm   Wheelbase widths: Front 905mm, Rear 1000mm
Cart Ratings	Rated Number of Passengers	1 x forward facing, 1 x rear facing and 1x patient (on stretcher)
	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, Ball Vertical Weight: 50kg (rated on level ground) Total Cart: 700kg
	Minimum Ground Clearance	Approximately 120mm
	Minimum Turning Radius	5.8m
	Rated Braking Distance	< 6m
Avg. Energy Consumption per hour	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, Tow Bar, Seat Belts
Optional Extras	5kW Motor Upgrade; Black Vinyl Seats, Marine Grade Rain Curtains, Roof Flashing Light, Rubber Floor Mat	
Stretcher Bed & Platform Details (Standard Inclusion)	Collapsible Aluminium High Strength Stretcher Frame (up to 159kg capacity) with high density upholstered cushion (water resistant for easy cleaning). Stretcher: 1900mm (L) x 570mm (W) x 910mm (extended height). Height collapsed: 275mm. Weight: 43kg Overall Stretcher Platform: 2535mm (L) x 650mm (W). Platform Length (to start of platform drop): 2227mm. Checkerplate Base with bed locking brackets and side restraint rail.	
Medic Box (Standard Inclusion)	Height: 700mm (H) x 540mm (W) x 500mm (D). Door lip is overall dimensions less 50mm. Fixed Internal Shelf. Powder Coated Steel with Acrylic lockable Door.	

