



### 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 Included

##### 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
-  Custom Color (via special order)

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.

# ecar Magnum MEDIC

## TECHNICAL DATA & SPECIFICATIONS

<b>Cart Main Electrical Components</b>	<b>Proprietary Controller</b>	ECAR 350A AC Controller. 48V 350A System (Programmable)
	<b>Electric Motor</b>	LT AC Synchronous (Induction) 48V/4kW (High Torque, Brushless)
	<b>Batteries (Australia/NZ Models)</b>	Certified and Manufacturer Approved ECAR PRO-Li Lithium Core 105Ah or Plus+ 150Ah Systems.
	<b>Charger (Australia/NZ Models)</b>	ECAR PRO-Li On board Intelligent Lithium Battery Charger. RCM Approved & Compliant for use with only ECAR PRO-Li Batteries.
	<b>DC-DC Convertor</b>	Isolated DC-DC Convertor 48V/12V Output 300W Output
<b>Steering &amp; Mechanical</b>	<b>Steering System</b>	Two-way rack & pinion steering system, automatic gap compensation function for direct & accurate control.
	<b>Braking System</b>	4 Wheel Hydraulic Disc Brakes with Automatic Electromagnetic Parking Brake.
	<b>Front Suspension System</b>	Dual Swing Arm with MacPherson Independent suspension on all four wheels; coil spring + cylinder hydraulic shock absorbers. Automotive style
	<b>Rear Suspension System &amp; Transaxle</b>	Rear heavy duty leaf spring + cylinder hydraulic shock absorbers with rear stabiliser bar. Integrated rear Transaxle. Ratio: 16:1 (LWB)
	<b>Wheels &amp; Tyres</b>	10" 'Bulldog' Alloy Rims with 205/65-10 High wall 4P Turf Tyre
<b>Cart Exterior</b>	<b>Body</b>	Injection moulded Automotive Painted Front Nose Cone with UV resistant clearcoat. Aluminium Side and Kick Panels with Aluminium Rear Passenger Step.
	<b>Roof Body Panel</b>	Automotive engineering PP material injection mould (painted) with Aluminium frame
	<b>Front shield and wiper</b>	Safety Folding Acrylic Windshield - Solid Acrylic Windshield by special order
<b>Lighting</b>	<b>Lights and Warning signals</b>	LED High/Low Beam Headlights, LED Daytime Running Lights, LED Indicators, LED Rear Tail Lights, LED Brake & Hazard Lights, Horn & Reversing Buzzer
	<b>Additional Lighting Accessories</b>	Consult an authorised dealer for 12V Lighting Accessories
<b>Standard &amp; Interior Features</b>	<b>Dashboard</b>	Moulded instrument panel, digital vehicle odometer/speed meter showing speed & accurate Lithium Battery SOC (ECAR only)
	<b>Interior Seating</b>	Grey marine grade high-back vinyl seats with slide and tilt adjustment. Commercial rated.
	<b>Interior floor</b>	Alloy corrugated floor. Optional Rubber floor mat is available as an additional accessory (Consult authorised dealer)
	<b>Rear-view Mirror</b>	L/RHS rear-view Mirrors.
<b>Cart Main Dimensions</b>	<b>Length x Width x Height (mm)</b>	3750m (L) x 1310mm (W) x 1930mm (H)
	<b>Tare Weight (No Batteries)</b>	495kg
	<b>Wheelbase overall length (center of front hub to center of rear hub)</b>	2400mm   Wheelbase widths: Front 905mm, Rear 1000mm
<b>Cart Ratings</b>	<b>Rated Number of Passengers</b>	1 x forward facing, 1 x rear facing and 1x patient (on stretcher)
	<b>Max. Recommended Driving Speed</b>	25 km/hr (programmable 15-40km/hr). Legal Speed Limit 20km/hr
	<b>Avg. Driving Distance per Charge</b>	70-120 km (Battery Amp hour dependant) on flat ground per charge from 100% SOC)
	<b>Maximum Recommended Grade</b>	20% (15% for Hill Hold Limit)
	<b>Load Ratings (kg)</b>	Towing: 350kg, Ball Vertical Weight: 50kg (rated on level ground) Total Cart: 700kg
	<b>Minimum Ground Clearance</b>	Approximately 120mm
	<b>Minimum Turning Radius</b>	5.8m
	<b>Rated Braking Distance</b>	< 6m
<b>Avg. Energy Consumption per hour</b>	8.0-9.5kW/hr based on terrain and programmed parameters of the controller	
<b>Included Magnum Accessories</b>	<b>Standard Included Accessory</b>	Steel Powder Coated Commercial Bullbar, Tow Bar, Seat Belts
<b>Optional Extras</b>	5kW Motor Upgrade; Black Vinyl Seats, Marine Grade Rain Curtains, Roof Flashing Light, Rubber Floor Mat	
<b>Stretcher Bed &amp; Platform Details (Standard Inclusion)</b>	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.	
<b>Medic Box (Standard Inclusion)</b>	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.	