



## THIS CART IS SUITABLE FOR:

*Commercial Service, Industrial Facilities, Government, Schools/Universities*

### 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.

# ecar Magnum H2

## 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 heavy-duty rear leaf springs + 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. Aluminium rear body panel for increased durability.                               |
|                                 | 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)  |
| Lighting                        | Windsheild  | Acrylic 2-piece folding Windshield  |
|                                 | Lights and Warning Signals  | LED High/Low Beam Headlights, LED Indicators, Reverse Buzzer, Hazard Lights and Horn.   |
| Standard & Interior Features    | Additional Lighting Accessories   | Consult an authorised dealer for 12V Lighting Accessories.  |
|                                 | 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 fixed steel frame armests. Commercial rated.   |
|                                 | Interior floor  | Corrugated Aluminium Floor.   |
| Cart Main Dimensions            | Rear-view Mirrors   | Interior Convex rear-view Mirror + L/RHS standard rear-view Mirrors.  |
|                                 | Length x Width x Height (mm)  | 3350(L)(including bull bar) x 1230(W) x 1890mm(H)   |
|                                 | Tare Weight (No Batteries)  | 466kg   |
|                                 | Wheelbase overall length (center of front hub to center of rear hub)  | 2400mm   Wheelbase widths: Front 905mm, Rear 1000mm   |
| Cart Ratings                    | Rear Cargo Tray Size (mm)   | 1500(L) x 1165(W) x 265mm(H) (external)   |
|                                 | Rated Number of Passengers  | (2) 2 Facing Forwards   |
|                                 | Max. Recommended Driving Speed  | 25 km/hr (programmable 15-40km/hr). Legal Speed Limit 20km/hr.  |
|                                 | Avg. Driving Distance per Charge  | 70-120 km (Individual scenario dependent) on flat ground per charge from 100% SOC.  |
|                                 | Maximum Recommended Grade   | 35% (20% for Hill Hold Limit with no cargo in the tray)   |
|                                 | Load Ratings (kg)   | Towing: 350kg. Ball Vertical Weight: 50kg (rated on level ground). Rear Cargo Tray: 500kg with 250kg Tipping Capacity. Total Cart Load inc. Passengers & Cargo: 700kg |
|                                 | Minimum Ground Clearance  | Approximately 150mm   |
|                                 | Minimum Turning Radius  | 4.5m  |
|                                 | Rated Braking Distance  | < 6m  |
| Included Magnum Accessories     | Avg. Energy Consumption per 100km   | 4.5-8.5kW/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.  |
| 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)