

# ecar

## MODEL Magnum 6F



**THIS CART IS SUITABLE FOR:**  
*Community Transporter, People Mover*

### 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

#### 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.

#### 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

#### 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.

**Carts'n'Parts Australia** - ECAR Authorised Dealer  
📍 | [cartsnparts.com.au](http://cartsnparts.com.au)  
[info@cartsnparts.com.au](mailto:info@cartsnparts.com.au) | 1300 93 88 11

**\$19,990**  
inc GST

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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 (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 axle cradle system with coil spring + cylinder hydraulic shock absorbers with stabiliser bar. Integrated rear Transaxle. Ratio: 16:1 (higher torque)
	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.
	Roof Body Panel	Automotive engineering PP material injection mould painted with automotive grade paint and UV resistant clearcoat
	Front shield and wiper	Safety Folding Acrylic Windshield - Suited for golf course use
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	Standard: Light Grey marine grade vinyl seats (commercial rated) . Optional: Folding armrest sports seats (must be ordered when new, cannot be upgraded on old models). <i>Seat Covers included as standard for low heat transfer on standard seats only</i>
	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 rear-view Mirrors
Cart Main Dimensions	Length x Width x Height (mm)	Length NO Towbar = 4050mm Length WITH Towbar = 4200mm Width = 1270mm (W) (max clearance required.) Height = 1915mm (H)
	Tare Weight (No Batteries)	510kg
	Wheelbase overall length (center of front hub to center of rear hub)	3260mm
	Wheelbase width between (center of tread to center of tread)	Front 895mm, Rear 1000mm
Cart Ratings	Rated Number of Passengers	(6) 6 x forward facing
	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% (20% for Hill Hold Limit)
	Load Ratings (kg) (level ground)	Towing: 350kg, Ball Vertical Weight: 50kg. Total Cart: 750kg
	Minimum Ground Clearance	Approximately 135mm
	Minimum Turning Radius	5.8m
	Rated Braking Distance	< 6m
	Avg. Energy Consumption per 100km	8.5-9.5kW/hr based on terrain and programmed parameters of the controller
Included Magnum Accessories	Standard Included Accessory	3-Point Seat Belts, Mirrors
Optional Extras	5kW Motor Upgrade; Black/Beige Vinyl Standard Seats; Tow Bar; Bullbar, Marine Grade Rain Curtains, Tempered Glass Windshield with Wiper	