



## THIS CART IS SUITABLE FOR:

*Community & Personal Transporter, Commercial Service, Personal Golfer\**

### The Trusted ECAR Golf Australian Warranty

#### PERSONAL USE WARRANTY

5 years unlimited kilometre warranty on Lithium Battery  
3 years on Lithium Battery Charger  
5 years on Chassis  
3 years on Electrical & Mechanical

#### COMMERCIAL USE WARRANTY

5 years unlimited kilometre warranty on Lithium Battery  
3 years on Lithium Battery Charger  
2 years on Chassis  
2 years on Electrical & Mechanical

#### Lithium Battery Options

##### PRO-Li Core 105Ah

Designed and produced by ECAR Golf.  
This certified and integrated battery system is designed for approximately 1 day\* of intermittent driving per charge. *\*subject to S.O.C level and driving behaviour.*

##### PRO-Li Plus\* 150Ah

Designed and produced by ECAR Golf.  
This certified and integrated battery system is designed for approximately 2-3 days\* of intermittent driving per charge. *\*subject to S.O.C level and driving behaviour.*

#### 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. \*Personal Golfer model is dealer specific

# ecar Compass 2+2

## TECHNICAL DATA & SPECIFICATIONS

Cart Main Electrical Components	Proprietary Controller	ECAR APEX 450A AC Controller. 48V 450A System (Programmable)
	Electric Motor	LT AC Synchronous (Induction) 48V/5.0kW (High Torque, Brushless)
	Batteries (SE Asia, UAE Models)	ECAR No Maintenance Gel, 8V-150Ah x 6.
	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	Non-isolated DC-DC Convertor 48V/12V Output 500W Output
Steering & Mechanical	Steering System	Two-way rack & pinion steering system, automatic gap compensation function for direct & accurate control
	Braking System	4 Wheel dual circuit Hydraulic Disk Brakes w/ Automatic Electromagnetic Parking Brake
	Front Suspension System	Single A-Arm with MacPherson Independent suspension; coil spring + cylinder hydraulic shock absorbers. Automotive style
	Rear Suspension System & Transaxle	Integrated rear Transaxle. Ratio: 12:31:1 (SWB), coil spring + cylinder hydraulic shock absorbers. Automotive style with new stabiliser bar
	Wheels & Tyres	10" 'Bulldog' Alloy Rims w/ 205/65-10 6P P825 Tread Tyres (520mm)
	Chassis	High tensile tubular steel w/ 3 stage electrolysis protected powder coat system (Used in ECAR golf carts for over 19 years)
Cart Exterior	Body	Injection moulded Automotive Painted Modular PP Body Panels with UV resistant automotive clearcoat.
	Roof & Body Panel	Colour matched automotive engineered ABS injection mould roof with aluminium roof support and aluminium side skirts
	Front shield and wiper	Safety Folding Acrylic Windshield - Suited for golf course use
	Rear Facing Seat	Commercial seat folds out to light duty cargo tray OR 3 Way Golfers Seat - Seat, Tray and Hydraulic Lift up Golf Bag Holder
Lighting	Lights and Warning signals	LED High/Low beam Headlights, Indicators, Rear Tail Lights, Brake & Hazard Lights with Horn & Reversing Buzzer.
	Additional Lighting Accessories	Consult an authorised dealer for 12V Lighting Accessories
Standard & Interior Features	Dashboard	10" IP67 Instrument and Entertainment Touch Screen, Bluetooth Phone connectivity, Digital Vehicle Odometer/Speed Meter showing speed & accurate Lithium Battery SOC (ECAR only), Digital on screen fault diagnosis. Includes Bluetooth and USB music playback
	Ignition & Features	Induction Keyless Start with remote lock/unlock w/ Unique key FOB. Sports Steering Wheel, Lockable Glove Box's, Bluetooth/Tuner Stereo System, Reversing Camera. 45W USB-C fast phone charging port and an 18W USB-A standard phone charging port
	Interior Seating	Ergonomic High Black marine grade vinyl seats. Commercial rated. Fold out Rear Seat and Passenger Grab Rails for safety
	Interior floor	New Diamond Pattern Poly Floor. Floor Coverings coming soon
	Rear-view Mirror	L/RHS Illuminated Side rear-view Mirrors
Cart Main Dimensions	Length x Width x Height (mm)	2830 x 1250 x 1900
	Tare Weight (No Batteries)	410kg
	Wheelbase overall length (center of hubs)	1600mm (Wheelbase widths: Front 930mm, Rear 1000mm)
Cart Ratings	Rated Number of Passengers	2 x facing forwards, 2 x facing backwards
	Max. Recommended Driving Speed	25 km/hr (programmable 15-40km/hr). Legal Speed Limit 20km/hr
	Avg. Driving Distance per Charge	70-120km* (Battery Ah dependant) On flat ground per charge, 100% SOC
	Maximum Recommended Grade	35% (20% for Hill Hold Limit)
	Load Ratings (kg)	Towing: 350kg, Ball Vertical Weight: 50kg (rated on level ground) Total Cart: 425kg. Fold out light duty cargo tray: 150kg max.
	Minimum Ground Clearance	Approximately 110mm
	Minimum Turning Radius	3.30m
	Rated Braking Distance	< 6m
	Avg. Energy Consumption per hour	7.5-8.5kW/hr based on terrain & programmed controller parameters
Included Compass Accessories	Standard Included Accessories	Steel Powder Coated Bullbar, Sound System, Seat Belts
Optional Extras	Side Steps, Electric Power Steering, Safety Glass Windshield and Wiper (special orders only), Rain Curtains	



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