

# ecar

## MODEL IKON HD 4UL

*Exclusive to Carts'n'Parts*



### **THIS CART IS SUITABLE FOR:**

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

### **The Trusted ECAR Golf Australian Warranty**

#### **PERSONAL USE WARRANTY**

5 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 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.

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**

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

#### **Standard Colour**



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.

**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

INTRODUCTORY OFFER  
**\$14,990**  
inc GST

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## 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/5kW (Higher Torque, Brushless).
	Batteries (Australia/NZ Models)	Certified OEM ECAR PRO-Li Lithium Core 105Ah System.
	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.
	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	Single Swing Arm with MacPherson Independent suspension on both front wheels; coil spring + cylinder hydraulic shock absorbers. (Automotive style)
	Rear Suspension System & Trans-axle	Integrated rear Trans-axle. Upgraded Ratio: 14:1 (SWB HD) with coil spring + cylinder hydraulic shock absorbers.
	Wheels & Tyres	10" load rated Steel Rims with 205/50-10 High wall 6P General Tyre.
Cart Exterior	Body	Injection moulded Automotive Painted Front Body Panels with UV resistant clearcoat. Aluminium side, seat front and rear panels for increased durability.
	Roof & Chassis	Automotive engineering PP material injection mould Roof with 3 stage powder-coated and electro-treated chassis (5 yr Chassis Warranty)
	Front Shield and Wiper	Solid ASI DOT Safety Glass Windshield with Electric Wiper
Lighting	Lights and Warning Signals	LED High/Low Beam Headlights, LED Indicators, Reverse Buzzer, Hazard Lights and Horn.
	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 OEM only).
	Interior Seating	Mid brown marine grade vinyl seats. Commercial rated. Washable black low heat seat covers included as standard for low heat transfer.
	Interior floor	Structural Floorpan with non-slip interior rubber floor. Optional Rubber floor mat is available as an additional accessory (Consult authorised dealer).
	Rear-view Mirrors	Interior Convex rear-view Mirror + L/RHS standard rear-view Mirrors.
	Aluminium Cargo Box Size (mm)	1000(L) x 1085(W) x 265(H) (external)
Cart Main Dimensions	Length (mm)	3637 (including bull bar)
	Width (mm)	1245
	Height (mm)	2083
	Tare Weight (No Batteries)	585kg
	Wheelbase overall length (center of front hub to center of rear hub)	2850mm   Wheelbase widths: Front 905mm, Rear 1000mm
	Aluminium Cargo Box Size (mm)	1000(L) x 1085(W) x 265(H) (external)
Cart Ratings	Rated Number of Passengers	2
	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)
	Load Ratings (kg)	Towing: 400kg. Ball Vertical Weight: 50kg (rated on level ground). Tray Cargo Capacity: 250kg. Total Cart Load inc. Passengers & Cargo: 650kg
	Minimum Ground Clearance	Approximately 127mm
	Minimum Turning Radius	4.5m
	Rated Braking Distance	< 5m
	Avg. Energy Consumption per 100km	5.5-8.5kW/hr based on terrain and programmed parameters of the controller.
Included HD Accessories	Standard (no additional charge)	Steel Powder-coated Commercial Bull bar, Rear Tow Bar, 2-point Seat Belts. ASI Safety Glass Windshield and Electric Wiper.
Optional Extras	Marine Grade Rain Curtains, Front Pull Anchor.	