

# ecar

## MODEL IKON HD H2

*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**



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)  | 1410(L) x 1085(W) x 265(H) (external)  |
| Cart Main Dimensions            | Length (mm)  | 3665 (including bull bar)  |
|                                 | Width (mm)   | 1245   |
|                                 | Height (mm)  | 1985   |
|                                 | Tare Weight (No Batteries)   | 564kg  |
|                                 | Wheelbase overall length (center of front hub to center of rear hub) | 3010mm   Wheelbase widths: Front 905mm, Rear 1000mm  |
|                                 | Aluminium Cargo Box Size (mm)  | 1410(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 with no cargo in the tray)  |
|                                 | Load Ratings (kg)  | Towing: 400kg. Ball Vertical Weight: 50kg (rated on level ground). Tray Cargo Capacity: 550kg. Total Cart Load inc. Passengers & Cargo: 650kg            |
|                                 | Minimum Ground Clearance   | Approximately 125mm  |
|                                 | Minimum Turning Radius   | 4.5m   |
|                                 | Rated Braking Distance   | < 5m   |
|                                 | Avg. Energy Consumption per 100km                                    | 6.0-8.5kW/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.                       |  |