

ECOVOLT JUNIOR

Our junior electric kart.



BIZKARTS

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a 360 degree video.



1.25m-1.6m



Junior



Electric



Sound
generator

The EcoVolt Junior is tailored for kids and shorter adults, offering agility and safe control due to its compact size. The EcoVolt Junior features a durable brushless motor and lightweight lithium-ion battery, ideal for beginners and accomplished drivers alike. The speed control system provides precise kart speed control, enhancing kart safety for drivers and operators.

STANDARD SPEC

Electrics specification

- 3.5kW 25m permanent magnet brushless motor.
- 24V, 275A Motor controller (300A, 10 Seconds).
- 25.6V, 1.5kWh (60AH) Lithium-ion (LFP) battery.
- Motorsport battery management system (BMS).
- Forward, neutral & reverse operation.
- Emergency stop button.
- Tri-colour Battery diagnostics LED.
- Tri-colour Kart diagnostics LED.
- De Haardt Xtra. EV transponder.
- 4 remotely selectable speeds & remote stop functions (Requires De Haardt Controller).
- Electronic anti double pedal system.

Kart specification

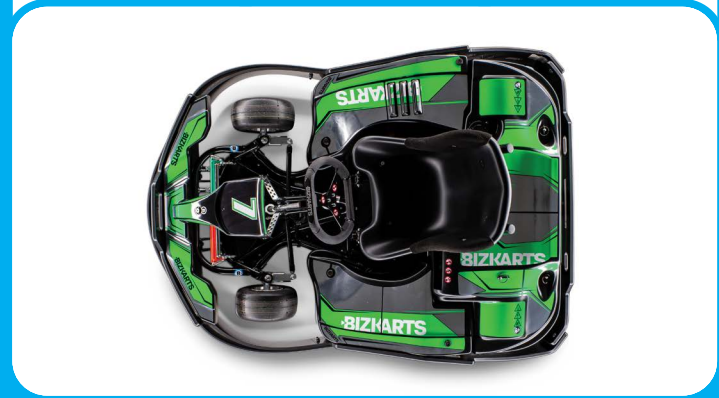
- XL Heavy duty seat.
- 5 Position adjustable sliding seat.
- Adjustable 'Flip-over' pedals.
- 20mm heavy duty plastic side wrap.
- Heavy duty front, side & rear impact protection.
- Billet stub axles with 20mm wheel shafts.
- Black metal ended track rods.
- Ultra HD heat treated aluminium wheels.
- Hydraulic brake system with 8mm disc.
- 30mm axle with ultra heavy duty UCX axle bearings.
- Belt Drive with tensioner.



+ OPTIONAL ADD-ONS

- LED brake light.
- Upgrade to IPM High torque motor.
- Engine sound generator.
- Active battery cooling.
- Roll bar & inertia seat belt.
- Roll bar & harness.
- Standard graphics kit (1 design per fleet included).
- Chrome/fluro graphics kit (design time charged extra per hour).
- Choice of tyre brand.
- Quarter covered seat.
- Half covered seat.
- Fully covered seat.
- Three-phase fast kart charger.
- Charger stand with shelf & cable hook.
- USB to CAN programming device.
- Curtis controller/ECU programming tool (Only required for IPM upgrade motor).
- Programming data lead set.
- De Haardt master remote control.
- De Haardt mini remote control.

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