VOLTEX MOTION & SUPPLY · PREMIUM MOBILITY & DRONES

Go Kart Catalog

Premium car-bodied go karts, full-size electric ride-on cars and working model engines, available factory direct as single units, wholesale orders or OEM / ODM programmes.



Models in this catalog

Model	Summary	Key figure
Porsche 964 Open-Top Electric Go-Kart	Classic open-top 964-style electric go-kart: 2500W brushless motor, 72V 50Ah lithium battery, up to 60 km/h and about 50 km range. Single-seat or double-seat.	2500W brushless
Porsche 964 Hardtop Electric Go-Kart	Classic hardtop coupé electric go-kart: 72V 2500W motor (4500W peak), 72V 50Ah lithium battery, up to 60 km/h, independent suspension and disc brakes all round. Single-seat.	2500W (4500W peak)
Porsche GT3 Electric Go-Kart	Racing-inspired GT3-style electric go-kart: 3000W brushless motor, 72V 50Ah lithium battery, up to 80 km/h, regenerative and disc braking, single or two-seat.	3000W brushless
Hellcat Electric Kart	Muscle-car inspired open-top electric kart: 3000W motor, 72V 50Ah lithium battery, up to 80 km/h, premium red interior, single or two-seat.	3000W
964 Full-Size Electric Roadster	A full-size, open-cockpit electric roadster with classic 964-style lines: 2.6 m long, 1500 W or 2500 W mid motor, up to 70 km/h, seats adults from 1.4 to 2.0 m.	2.6 m full size
GT-RS Full-Size Electric Ride-On Car	A full-size, wide-body electric ride-on car with an oversized rear wing, open cockpit and illuminated front and rear details. Made to order in any colour.	Full-size electric ride-on
RUIFEIYA V10-150 Working Model Engine	A running 1/4-scale V10 four-stroke engine: 150 cc, 40 valves, DOHC, 16 HP, electric start. A collector's centrepiece and an engineering lesson in one.	V10 four-stroke

Ordering: send product, quantity, configuration and destination to sales@voltexmotionsupply.com or https://gokarts.voltexmotionsupply.com/request-quote/ for a written quotation.

GO KART · SKU AX-EV-964-OT

Porsche 964 Open-Top Electric Go-Kart

Classic open-top 964-style electric go-kart: 2500W brushless motor, 72V 50Ah lithium battery, up to 60 km/h and about 50 km range. Single-seat or double-seat.



MOTOR	BATTERY	TOP SPEED	SEATS
2500W brushless	**72V 50Ah lithium**	**60 km/h***	**Single or double**

Specifications

POWERTRAIN	
Motor	2500W brushless motor
Battery	72V 50Ah lithium
Maximum speed	60 km/h (brochure)
Range	About 50 km stated; the brochure also lists "+20 km" (extended range, confirmed on order)
Charging time	3–4 hours
Controller	High-performance vector controller
CHASSIS & BODY	
Body style	Open-top convertible, classic sports-car styling
Chassis	High-strength steel frame, one-piece integrated body
Suspension	32 mm shock absorbers, independent front and rear
Brakes	Disc brakes, front and rear
Tyres	32 mm low-profile racing tyres
DIMENSIONS & CAPACITY	
Length × width × height	2600 × 1100 × 800 mm
Curb weight	200 kg
Maximum load	200 kg (100 kg per seat)
Seating	Integrated bench seat (two-seater); single-seat configuration available

FEATURES	
Lighting	LED lights
Display	Digital display
Start	Keyless start
Audio	Bluetooth audio (per supplier quotation)
Battery management	Smart BMS: overcharge, over-current, short-circuit, temperature and cell-balance protection
Battery cycle life	2,000+ cycles (manufacturer figure)
DELIVERY	
Production	Made to order
Packaging	Wooden export crate, approx. 2570 × 1170 × 890 mm
Warranty	Confirmed in quotation

Applications

Private owners · Resorts and hotels · Karting venues · Events and showrooms · Dealers

Standard colours: Speed Yellow, Jet Black, Miami Blue, Mint Green, Silver Metallic, Carrara White

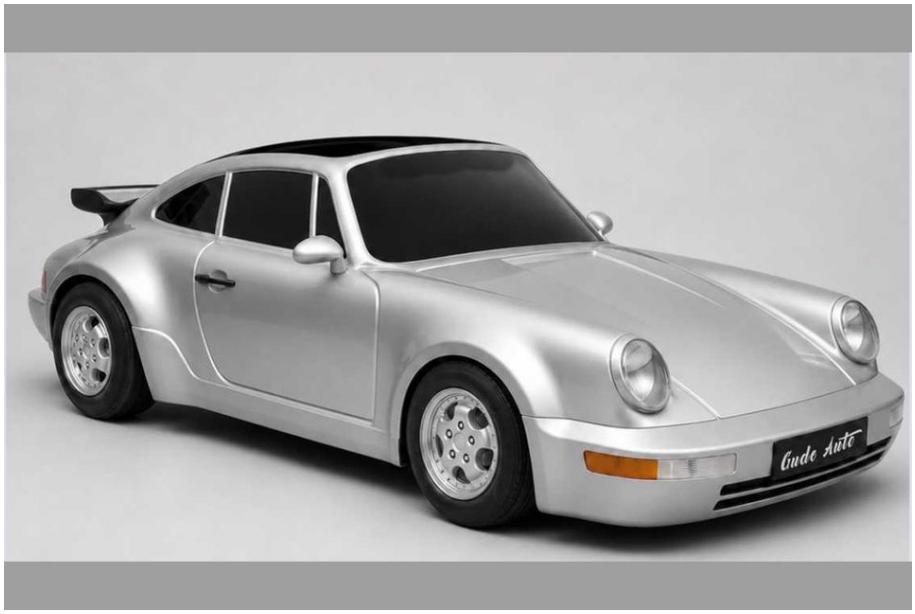
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GO KART · SKU AX-EV-964-HT

Porsche 964 Hardtop Electric Go-Kart

Classic hardtop coupé electric go-kart: 72V 2500W motor (4500W peak), 72V 50Ah lithium battery, up to 60 km/h, independent suspension and disc brakes all round. Single-seat.



MOTOR	BATTERY	TOP SPEED	SEATS
2500W (4500W peak)	**72V 50Ah lithium**	**60 km/h***	**Single-seat**

Specifications

POWERTRAIN	
Motor	72V 2500W (peak power 4500W)
Battery	72V 50Ah lithium
Maximum speed	60 km/h (brochure)
Range	50 km stated
Charging time	3–4 hours
Drive system	Rear-wheel drive
CHASSIS & BODY	
Body style	Classic hardtop coupé
Frame	High-strength steel frame
Body material	Fibreglass
Suspension	Independent front and rear
Brakes	Disc brakes, front and rear
Tyre size	Front 16×7.0-8 / Rear 18×9.5-8
DIMENSIONS & CAPACITY	
Length × width × height	2960 × 1100 × 600 mm (brochure; differs from the open-top's 2600 mm, so confirm with your order)
Wheelbase	1880 mm
Ground clearance	120 mm

Curb weight	200 kg
Load capacity	200 kg
Seating	Single-seat
FEATURES	
Suitable terrain	Race track / asphalt
Audio	Bluetooth audio (per supplier quotation)
Customisation	Logo, livery, performance upgrade (quoted)
Battery management	Smart BMS: overcharge, over-current, short-circuit, temperature and cell-balance protection
Battery cycle life	2,000+ cycles (manufacturer figure)
DELIVERY	
Production	Made to order
Packaging	Wooden export crate, approx. 2570 × 1170 × 890 mm
Warranty	Confirmed in quotation

Applications

Showrooms and dealers · Collectors · Corporate fleets · Premium rental tiers · Track days

Standard colours: Silver Metallic, Jet Black, Mint Green, Carrara White, Speed Yellow

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GO KART · SKU AX-EV-GT3

Porsche GT3 Electric Go-Kart

Racing-inspired GT3-style electric go-kart: 3000W brushless motor, 72V 50Ah lithium battery, up to 80 km/h, regenerative and disc braking, single or two-seat.



MOTOR	TOP SPEED	BRAKING	SEATS
3000W brushless	**80 km/h***	**Regenerative + disc**	**Single or two-seat**

Specifications

POWERTRAIN	
Motor	3000W brushless motor, rear-wheel drive
Battery	72V 50Ah lithium
Maximum speed	80 km/h (brochure)
Range	50 km stated
Charging time	3–4 hours
Controller	High-performance vector controller
CHASSIS & BRAKING	
Brake system	Regenerative braking + disc brakes
Steering	Rack-and-pinion
Suspension	Independent front and rear
Tyres	Semi-slick racing tyres
Drive system	Rear-wheel drive
DIMENSIONS & CAPACITY	
Length × width × height	2600 × 1100 × 800 mm
Wheelbase	1700 mm
Weight	220 kg
Seating	1 or 2 (single / two-seat option)
FEATURES	
Display	Digital LCD dashboard

Audio	Bluetooth audio (per supplier quotation)
Styling	Racing-inspired body with rear wing
Battery management	Smart BMS: overcharge, over-current, short-circuit, temperature and cell-balance protection
Battery cycle life	2,000+ cycles (manufacturer figure)
DELIVERY	
Production	Made to order
Packaging	Steel-frame export packaging
Warranty	Confirmed in quotation

Applications

Electric racing experiences · Corporate grand prix events · Private circuits · Motorsport retail · Brand activations

Standard colours: Silver Metallic, Jet Black, Miami Blue, Speed Yellow, Mint Green, Carrara White

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GO KART · SKU AX-EV-HCT

Hellcat Electric Kart

Muscle-car inspired open-top electric kart: 3000W motor, 72V 50Ah lithium battery, up to 80 km/h, premium red interior, single or two-seat.



MOTOR	TOP SPEED	BATTERY	SEATS
3000W	**80 km/h***	**72V 50Ah lithium**	**Single or two-seat**

Specifications

POWERTRAIN	
Motor power	3000W (motor type to be confirmed)
Battery	72V 50Ah lithium
Maximum speed	80 km/h (brochure)
Range	50 km stated
Charging time	3–4 hours
DIMENSIONS & CAPACITY	
Overall dimensions (L × W × H)	2600 × 1100 × 800 mm
Wheelbase	1800 mm
Vehicle weight	220 kg
Seating	Single / two-seat (optional)
BODY & INTERIOR	
Styling	Muscle-car inspired open-top body
Lighting	Quad round headlights, full-width tail lights
Interior	Premium red sports seats
Brakes	Confirmed in quotation
Suspension	Confirmed in quotation
Display	Confirmed in quotation
FEATURES	
Audio	Bluetooth audio (per supplier quotation)
Battery management	Smart BMS: overcharge, over-current, short-circuit, temperature and cell-balance protection
Battery cycle life	2,000+ cycles (manufacturer figure)

DELIVERY	
Production	Made to order
Packaging	Wooden export crate, approx. 2570 × 1170 × 890 mm
Warranty	Confirmed in quotation

Applications

Private owners · Karting venues · Events and content · Dealers · Resorts

Standard colours: Jet Black

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GO KART · SKU 964-FSR

964 Full-Size Electric Roadster

A full-size, open-cockpit electric roadster with classic 964-style lines: 2.6 m long, 1500 W or 2500 W mid motor, up to 70 km/h, seats adults from 1.4 to 2.0 m.



LENGTH	TOP SPEED	RANGE	DRIVER HEIGHT
2.6 m full size	**Up to 50 / 70 km/h***	**Up to 40 / 100 km***	**1.4–2.0 m**

Specifications

DIMENSIONS & CAPACITY	
Length × width × height	2.6 × 1.1 × 0.8 m
Vehicle weight	190 kg
Payload	300 kg
Driver height	1.4–2.0 m
Seats	Confirmed in quotation
STANDARD CONFIGURATION	
Battery	60V 20Ah
Motor	1500 W, mid-mounted

Top speed	Up to 50 km/h
Range	Up to 40 km
Charging time	Confirmed in quotation
PERFORMANCE CONFIGURATION	
Battery	72V 50Ah automotive-grade
Motor	2500 W, mid-mounted
Top speed	Up to 70 km/h
Range	Up to 100 km
Brakes	Four-wheel disc brakes + hydraulic handbrake
Charging	Fast charging
Interior	Nappa houndstooth
CHASSIS & FEATURES (BOTH)	
Suspension	Double-wishbone with adjustable coilovers
Battery system	Quick-swap battery
Drive modes	Three speed modes: high, medium, child
Sound	Simulated engine sound
Tyres	Confirmed in quotation
Lights	Confirmed in quotation
CUSTOMISATION & DELIVERY	
Paint	Custom metallic paint available
Interior colour	Custom
Graphics	Racing stripes, numbers and decal layouts
Production	Built to order, about 15 days after configuration is confirmed
Packing	Export wooden crate
Warranty	Confirmed in quotation

Applications

Private collections · Resorts and hotels · Exhibitions and showrooms · Controlled driving experiences · Brand activations

Standard colours: Signal Yellow, Blush Pink

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GO KART · SKU GT3RS-FS

GT-RS Full-Size Electric Ride-On Car

A full-size, wide-body electric ride-on car with an oversized rear wing, open cockpit and illuminated front and rear details. Made to order in any colour.



FORMAT	STYLING	COCKPIT	BUILD
Full-size electric ride-on	**Wide body + rear wing**	**Open, with steering**	**Made to order, ~15 days**

Specifications

BODY & DESIGN	
Format	Full-size electric ride-on car
Body	Wide-body track-inspired silhouette
Rear wing	Oversized swan-neck style wing
Cockpit	Open cockpit with steering controls
Lighting	Illuminated front and rear details
Standard colours	Racing red, GT silver, or custom paint
POWERTRAIN	
Battery	Confirmed in quotation
Motor	Confirmed in quotation
Top speed	Confirmed in quotation
Range	Confirmed in quotation
Charging time	Confirmed in quotation
DIMENSIONS & CHASSIS	
Length × width × height	Confirmed in quotation

Vehicle weight	Confirmed in quotation
Payload	Confirmed in quotation
Seats	Confirmed in quotation
Brakes	Confirmed in quotation
Suspension	Confirmed in quotation
CUSTOMISATION & DELIVERY	
Paint	Custom paint
Graphics	Custom stripe, number and decal themes
Production	Made to order, about 15 days
Packing	Export wooden crate
Warranty	Confirmed in quotation

Applications

Automotive exhibitions · Private estates and collectors · Resorts and premium venues · Brand activations · Controlled driving experiences

Standard colours: Racing Red, GT Silver

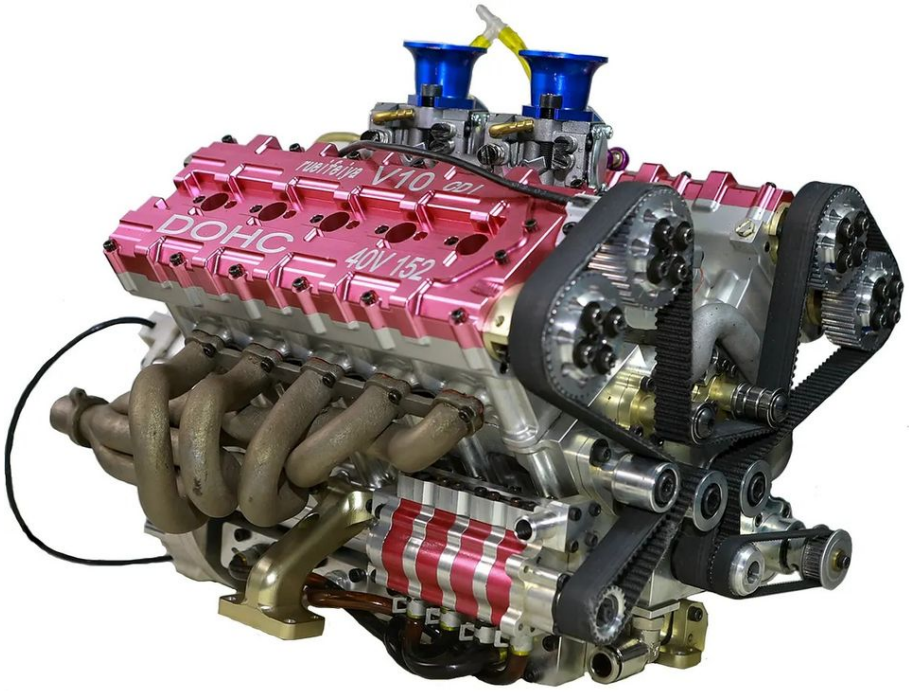
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ENGINE & ACCESSORY · SKU AX-RFY-V10

RUIFEIYA V10-150 Working Model Engine

A running 1/4-scale V10 four-stroke engine: 150 cc, 40 valves, DOHC, 16 HP, electric start. A collector's centrepiece and an engineering lesson in one.



LAYOUT	DISPLACEMENT	OUTPUT	SCALE
V10 four-stroke	**150 cc**	**16 HP rated**	**1/4**

Specifications

ENGINE	
Configuration	V10, four-stroke
Scale	1/4-scale working engine
Displacement	150 cc
Valvetrain	DOHC, 40 valves (4 per cylinder)
Bore × stroke	27 × 27 mm
Carburation	Dual carburettors
Rated output	16 HP
Operating range	2,000–11,000 rpm
SYSTEMS	
Starting	One-key electric start
Cooling	External centrifugal water pump
Lubrication	Dual oil pumps
Fuel	92 RON unleaded gasoline
Ignition	Confirmed in quotation
PHYSICAL	
Dimensions	253 × 231 × 245 mm

Weight	15 kg
Components	300+ parts
Supplied as	Finished, assembled engine
COMMERCIAL	
Included accessories	Confirmed in quotation
Lead time	Confirmed in quotation
Warranty	Confirmed in quotation
Shipping	Ships dry (no fuel or oil), in protective packing

Applications

Collector displays · Engineering education · 1/4-scale car builds · Large 1/5-scale vehicles · Model boats · Custom mechanical installs

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