

BSR2.0
ELECTRIC POWER

JUNIOR

ELECTRIC KART



ELECTRIC LEISURE KARTS



ELECTRIC LEISURE KART BSR 2.0 FOR KIDS

DRIVER SIZE	110cm-150cm
ELECTRIC POWER	up to 4kW (depending on track configuration)
DRIVING TIME	30+ minutes
BATTERY CHANGE	Swap in less than 30 sec.

STARTING AT 7050 EUR



ELECTRIC LEISURE KART BSR 2.0 FOR ADULTS

DRIVER SIZE	150cm – 200cm
ELECTRIC POWER	up to 7kW (depending on track configuration)
DRIVING TIME	Up to 30 minutes
BATTERY CHANGE	Swap in less than 30 sec.

STARTING AT 9050 EUR



EXTRA BATTERY

- Replace it in less than 30 seconds
- Air cooling (Aluminum radiators)
- Capacity 35Ah
- Charging power up to 40A
- Weight 12,5kg
- 1-year unlimited cycle warranty and maintenance service after the warranty time

PRICE 1800 EUR



EXTRA CHARGING DOCK

- Rated power 1.2kW
- Efficiency 93%
- Input Voltage: 90VAC – 240VAC
- Output Voltage: 48V/20A
- 1-year unlimited warranty and maintenance service after the warranty time

STARTING AT 750 EUR



SPECIFICATION

Chassis:	BSR 2.0 Leisure (Chromoly steel 32X2mm)
Body:	ABS plastic 4-5mm
Seat:	Adjustable with head defender
Steering wheel:	320mm Diameter
Protection:	10mm PE plastic with 40mm poliuretanan shock absorbers
Battery:	Quick swap system (replace in less than 30 sec.)
Power:	Adjustable for each track
Brakes:	Righetti hydraulic, 200mm disc
Sensors:	Overheating, braking
Rear-axle:	30x1000mm
Transmission:	Timing belt (30x960x8M)
Rims:	Alloy (standard)
Kart weight:	125kg (including battery)



Base price included :	1x BSR 2.0 Electric kart 1x Battery 35Ah/48V 1x Battery Charging Dock 1x BSR stickers set
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Extra features:

Rear braking lights:	Red LED stripes
Front headlights:	White LED stripes
Seat belt:	Adjustable 3 point
Remote control:	Multiple power levels (adjusted for each track)
Brakes:	Regenerative braking (adjusted for each track)
Stickers:	Custom stickers
Spare parts:	Spare part package
Tools:	A toolbox for kart maintenance
BSR merchandise:	Beach flags, kart mats, hats, jackets, t-shirts, polo shirts, kart trolley.

POWER DATA



Motor power:	Adjustable by software
Motor torque:	20Nm
Rear-axle torque:	58.0 Nm
Motor RPM:	3200 RPM
Top speed:	Up to 45 km/h (adjustable by software)
Acceleration:	0-45km/h in ~7 sec.
Throttle:	Hall sensor (durable)
Cooling:	Air
Battery:	Li-Ion with BMS and physical fuse protection
Driving range:	Up to 45 min.
Charger:	AC(90-240V) to DC (48V)
Charging time:	30-60 min. (20%-80%)
Warranty:	1 year unlimited driving hours
IP level:	64

BATTERY

- Quick swap system, replace it in less than 30 seconds
- 2x BMS and physical fuse protection
- Air cooling (Aluminum radiators)
- Capacity 35Ah
- Discharge peak 200A (continuous 160A)
- Charging power 1.2kW (20A/48V)
- Weight 12,5kg
- 1-year unlimited cycle warranty
- Maintenance service after the warranty time



MOTOR



- PMAC brushless motor
- Continuous power 4 kW, peak power 12kW
- Air cooling
- Operating voltage 48V
- RPM max 3200
- Motor efficiency 92%
- 1-year unlimited warranty
- Maintenance service after the warranty time

CHARGING DOCK

- Input voltage 90-265VAC
- Rated power 1.2kW
- Efficiency 93%
- Output Voltage: 48V
- Output Current: 20A
- 100% Automated system
- 1 year unlimited warranty
- Maintenance service after warranty time



QSB SYSTEM



① **PLUG IN**
100% CHARGED



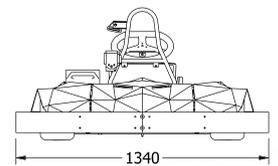
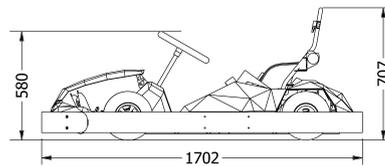
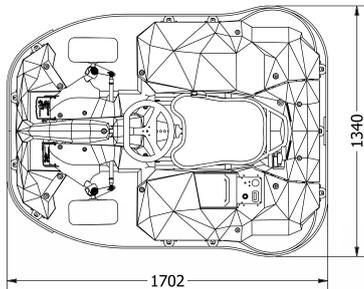
② **RACE TIME**
10 - 30 MIN



③ **SWAP TO NEW ONE**
100% CHARGED



④ **PLUG IN AUTOMATED CHARGING DOC**
30+ MIN CHARGING TIME



ALTERNATIVE OPTION FROM **birelART**

Powered by Blue Shock Race

A powerfull go-kart with racing look, easy to drive, reverse gear, quick swap battery change system

