

**BSR2.0**  
ELECTRIC POWER

**1.5kW**

# **RACING KART**



# SPECS:

<b>Chassis:</b>	BSR/BirelArt 780mm wheelbase chassis
<b>Body:</b>	Standart BirelArt body
<b>Seat:</b>	Freeline kart components
<b>Steering wheel:</b>	300mm
<b>Battery:</b>	35Ah / 48V Li-Ion (autonomy 45+ min)
<b>QSB:</b>	Quick Swap Battery System (swap in 30 sec)
<b>Power:</b>	Up to 1,5kW from the battery.
<b>Top speed:</b>	Limited to 45km/h
<b>Charger:</b>	AC/DC 500W (110-240V)
<b>Brakes:</b>	Mechanical (rear)
<b>Transmission:</b>	Belt
<b>Rims:</b>	Alloy (standard)
<b>Kart weight:</b>	55 Kg (including battery)

**Price (including battery):** 3'300 Euro

**Extra battery:** 1'000 Euro

**Extra charger:** 250 Euro

*\* All Prices Excluding VAT*



### Extra Features:

- Low noise level
- Zero tail pipe emissions
- Great acceleration
- No gears, no clutch, no fuel

### In kart price are included:

- 1 Fully assembled chassis.
- 1 Battery 35Ah / 48V
- 1 Battery Charger 500W / 48V
- 1 Set stickers on kart
- 1 Set tires (HDD)

# BSR 2.0 POWER UNIT PERFORMANCE



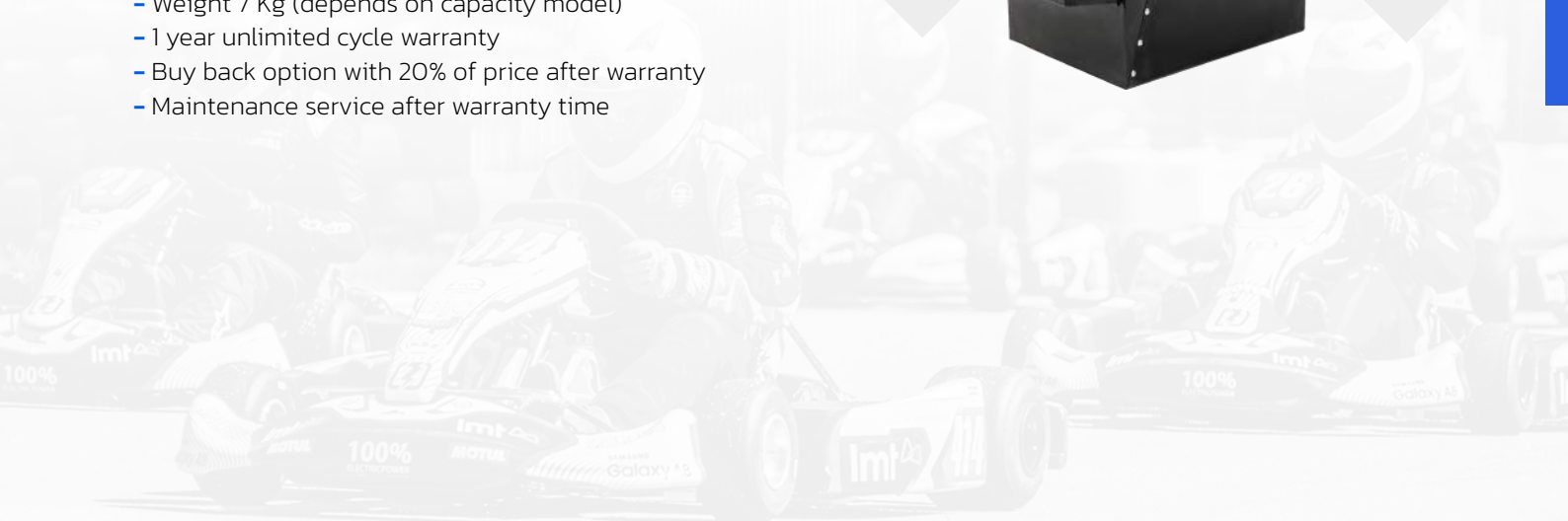
- Motor Power:** 1,5kW limited by software
- Top speed:** 45km/h limited by software
- Cooling:** Air
- Battery:** Li-Ion with BMS and physical fuse protection
- Driving range:** 45+ min
- Charger:** AC (90–240V) to DC (48V)
- Charging time:** ~2h (20–80%)
- Warranty:** 1 year unlimited driving hours (option for extra warranty)
- IP level:** 64

#### Included in Power Unit:

ELECTRIC MOTOR, CONTROLLER, BATTERY, CHARGER, BUTTONS, WIRING, MOUNTING PARTS, COVERS, BOLTS, INSTALLATION INSTRUCTION.

## BATTERY

- Quick swap system, replace it in less than 30 seconds
- BMS and physical fuse protection
- Air cooling (aluminum radiators)
- Capacity 35Ah
- Discharge peak 100A (continuous 50A)
- Charging power 500w (10A / 48V)
- Weight 7 Kg (depends on capacity model)
- 1 year unlimited cycle warranty
- Buy back option with 20% of price after warranty
- Maintenance service after warranty time



# CHARGER



- AC to DC with all type of AC plugs
- Charging voltage 48V (nominal)
- Charging power 10A (standard)
- Air cooling (aluminum radiators)
- 100% Automated system (with LED indicators)
- Weight 2 Kg
- 1 year unlimited warranty
- Maintenance service after warranty time

## MORE INFO

BSR 2.0 Power Units are designed so that they can be quickly and efficiently installed on any chassis instead of the standard internal combustion engine within 10-15 minutes without additional equipment and knowledge.

All that must be taken into account is the location of fastening and the dimensions of the components. Fastenings are designed so that they can be adapted to different chassis. It is possible to develop specific fastenings on request.

## OTHER OPTIONS

7kW



KIDS

18kW



JUNIOR

25kW



SENIOR