BSR 2.0
ELECTRIC POWER

7kW

RACING KART

SPECS:

Chassis:	BSR/Gillard 950mm (Homologated)
Body:	Righetti Ridolfi XTR14 Full set
Seat:	Glace fiber (L, XL, XXL)
Steering wheel:	BSR/320mm
Battery:	35Ah / 48V Li-Ion (autonomy 18+ min)
QSB:	Quick Swap Battery System (swap in 30 sec)
Power:	Limited till 7kW from battery.
Top speed:	Up to 90km/h
Acceleration:	From 0-60 km/h ~4.0 seconds
Charger:	AC/DC 1,2kW (110-240V)
Brakes:	Righetti hydraulic, 160mm disc (rear)
Rear axle:	30 mm
Transmission:	Chain 219 (40/70T)
Rims:	Alloy (standard)
Kart weight:	76 Kg (including battery)
Price (including battery):	**5800 Eur**
Extra battery:	1800 Eur
Extra charger:	350 Eur

**** 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 1,2kW / 48V
1 Set stickers on kart
1 Set tires (HDD)

BSR 2.0 POWER UNIT PERFORMANCE

Motor Power:	7kW (9.1 Hp)
Motor Torque:	30Nm
Rear axle torque:	52.5Nm
Gear ratio:	1:7.5 (40T/70T/219)
Motor RPM range:	3200 RPM
Top Speed:	till 90km/h
Acceleration from 0-60km/h:	~4.0 sec.
Throttle:	Hall sensor (dirable)
Cooling:	Air
Battery:	Li-Ion with BMS and fizical fuse protection
Driving range:	18+ min (real life test results)
Charger:	AC (90-240V) to DC (48V) (optional DC to DC for solar charging)
Charging time:	30-60 min
Weight of complete unit:	28,9 Kg (included battery)
Warranty:	2 years unlimited driving hours
IP level:	64
Others:	All the mounting parts and bolts are included in the package

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
- 2x BMS and physical fuse protection
- Air cooling (aluminum radiators)
- Capacity 35Ah (standard) / 42Ah (optional)
- Discharge peak 300A (continuous 200A)
- Charging power till 2kW (40A / 48V), 1,2-1,5kW standard
- Weight 10,5 – 11,5 Kg (depends on capacity model)
- 2 years unlimited cycle warranty
- Buy Back with 25% of price after warranty
- Maintenance service after warranty time

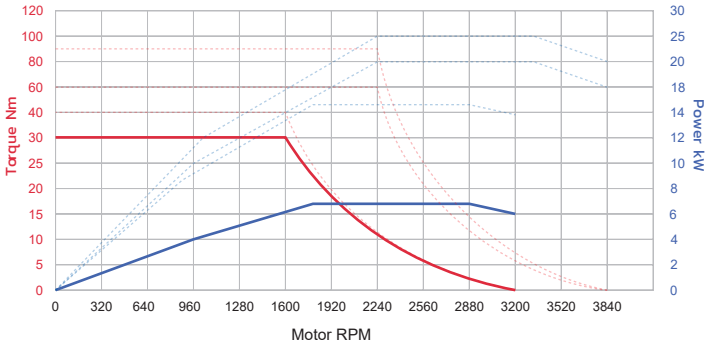
MOTOR

- PMAC brushless motor
- Continuous power 7kW
- Air cooling
- Operating voltage 48V
- RPM max 3200
- Weight 17,4 Kg
- Motor efficiency 92%
- 2 years unlimited warranty
- Maintenance service after warranty time

CHARGER

- AC to DC with all type of AC plugs
- Charging voltage 48V (nominal)
- Charging power 20A (standard) / 30A and 40A (optional)
- Air cooling (aluminum radiators)
- 100% Automated system (with LED indicators)
- Weight 2,5 – 5,5 Kg (depending on model)
- 2 years unlimited warranty
- Maintenance service after warranty time

POWER CURVE



- Instant torque 30Nm
- Best performance up to 3200 RPM
- Top speed: up to 90 km/h
- Throttle response Linera
- Regenerative braking (optional)

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

15kW

KIDS/JUNIOR

20kW

JUNIOR

25kW

SENIOR

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