

1 HOUR+  
**ELECTRIC OBSESSION**  
 COOL AND CLEAN.

*All thrills. No noise. No emission. No fuel cost. Max revenue.*

**ULTRA LIGHT**  
**UNMATCHED SAFETY**  
**ULTIMATE PERFORMANCE**

A Leisure Kart reimagined for the age of electric and green mobility. A vastly superior and satisfying driving experience. Guaranteed to leave customers wanting more and more.

NEW GENERATION LITHIUM POWER  
 Maximum energy efficiency, Dual-layer protection, quick recharge, all similar to TESLA.



**Electric Experience**

- Instant power delivery.
- Enhanced cornering for ease of driving.
- More fun than petrol karts.
- Electronic throttle control for smooth power output on demand.
- Reverse drive enabled.



**Sleek, Smart & Safe**

- Modern, streamlined design.
- Compact energy pack design.
- Inter-operable and easy-swap batteries.
- Smart Shutoff for over-temperature and over-current.
- Electric safety circuit for fire-prevention.



**Reliable with Zero Maintenance**

- Simplicity in operation.
- Service-free electric powertrain.
- High quality components from industry leaders.
- Engineered for reliable and long operation cycles.
- Ready for Outdoor or Indoor.





## Technical Features

- Perfectly balanced weight distribution.
- Ready for Outdoor or Indoor.
- Simultaneous throttle and brake application prevented by intelligent electronics - reduces strain on powertrain.
- Electronic Brake-assist for reduced wear-and-tear.
- Compact, portable battery charger - fits any standard electrical outlet. No special charging infrastructure required.
- Intelligent on-board computer for thermal monitoring, fire-detection, safety controls.
- Rigid safety enclosure for Battery Pack.

## Technical Data

Motor	7kW PMAC Motor. Lightweight, Compact. 95% efficiency.
Performance	Top Speed 70 kph. Torque 13 N-m. Duration 75 minutes.
Energy	Li-ion Cells. Capacity 5.7 kW-hr. Lightweight. 20 kg.
Battery Charging	Fast Charge 75 minutes. Normal Charge 120 minutes.
Battery Pack	Smart Battery Management System. Easy swap < 1 minute.
Energy recovery	Regenerative braking for improved battery range and efficiency.
Weight	Kart weight with Battery Pack 130 kg.

**Optimized and tested for performance and power on racetracks by a team of motorsport+electrical engineers with years of automotive, racing and engineering experience, in addition to development inputs from race drivers.**



## Lithium Energy Expertise

Proprietary *EnergyMax* architecture used in ElettriCo energy packs that power the kart, are evolved from countless man-hours of in-house research and development in Lithium Energy technologies and applications.

We employ state-of-the-art lithium-ion cells with energy-densities same as in a Tesla.

The battery pack architecture is designed specifically to cater to the high current demands under challenging track and climatic conditions.

