



**KART1**  
DISTRIBUTION  
**RACE KART**  
**2020**





## TECHNICAL DATA SHEET 2020 RACE KART



The ultra high-performance OTL Fully-electric Single-seater Race Kart is crafted on the latest top of the line racing chassis and components. The Race Kart is powered by a custom highpower induction motor and Lithium Polymer Batteries.

The Race Kart's electric motor has been designed and manufactured specifically for high performance racing with speeds 80+ mph (130+ km/h).



### STANDARD FEATURES

- 2 front ventilated floating discs
- 2 front dual piston floating calipers
- Asynchronous three-phase motor with 25 kw (34 cv) peak power
- Aluminium CNC pedal
- Dual brake hydraulic pump with adjustable bias controls
- 4 pistons rear floating hydraulic brake with floating ventilated disc
- Rear adjustable anti-torsion bar
- This kart is based and modified starting from a WY32 KZ and adapted for electric power system
- Main frame 32mm diameter in 25CRMO -2mm thickness
- Wheelbase 1040 mm
- Front ventilated disks in vermicular cast iron 10 mm thickness and 158mm diameter with homologation.
- Magnesium douglas rims 130/210mm
- Aluminum pedals from billet
- Aluminum steering column support with nylon bush from billet
- Bodywork KG KIT 506
- All components are made from billet with certificated aluminum
- Electric motor designed and manufactured specifically for high-performance racing
- 32 mm tubular chromium-molybdenum
- Polyethylene seat (size 4) or fiberglass (choose size)
- Axle 50mm diameter
- CNC spindles 25mm from billet with eccentric kit
- Rear hydraulic brake system gatling homologated CIK FIA from billet. Four pistons and self adjusting.
- Front hydraulic brake system gatling homologated CIK FIA from billet. Two pistons per caliper, self adjusting.
- Rear ventilated disk in vermicular cast iron 12 mm thickness and 200mm diameter with homologation
- Rear spoiler kg CLOB
- Steering wheel 320mm
- IMAF seats soft

### CONFIGURATION

<b>CHARGER OPTION</b>	<b>RAPID CHARGE</b>	Specially equipped with weatherproofing for rain
<b>BATTERY TYPE</b>	<b>ONE BATTERY</b>	92V / 40.50 Ah Lithium Batteries and BMS



## BENEFITS OF ELECTRIC

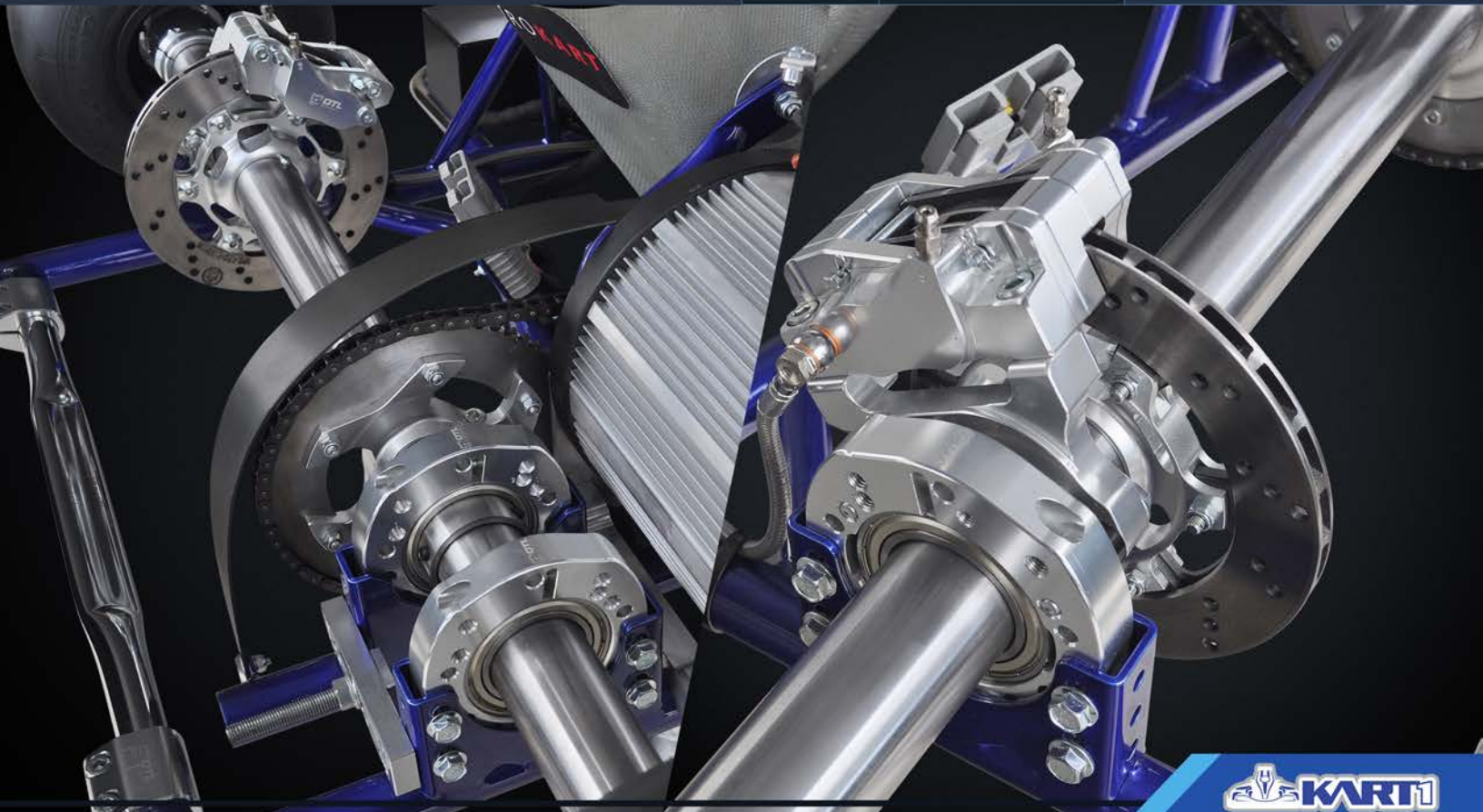
- No fumes and emissions
- Instant torque and faster acceleration
- No need to store and dispense fuel
- Lower operating costs
- No building ventilation needed
- Safer for customers
- Less noise
- Easier maintenance
- Environmentally friendly
- Dramatically less vibration
- More efficient motor

## DIMENSIONS AND WEIGHT

LENGTH	76" (193 cm)
WIDTH	53" (134.62 cm)
HEIGHT	21" (53.34 cm)

### WEIGHT WITHOUT BATTERIES

**277 LB. (126 KG)**





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