

# ADVEO

ELECTRIC KART ENGINEERING

**AM-2**  
ELECTRIC



**BRBKARTS**

Propulsión System by

**WWW.ADVEOELECTRICKARTS.COM**

**ALU and DRIVE**  
ELECTRIC PROPULSION MOTORSPORT



## ***The perfect balance between sportsmanship and functionality***

With the launch of the Electric AM2 model, a new technological advance is generated in the electric kart rental industry, which will change the experience and perception of amateur and expert drivers regarding the electric kart.

***THIS KART HAS BEEN THOUGHT AND CREATED TO BE THE  
SUCCESSFULLY THE BEST ELECTRIC KART IN THE WORLD.***

Equipped with an innovative 100% electric propulsion system, created and developed jointly by the companies Playanddrive and ADVEO, it is derived from electric competition vehicles. It is a propulsion kit that takes a huge technological leap, allowing new speeds and loading times to date. Proof of this is that in standard speed mode it has loading times of 50% of the use time,



**ELECTRIC  
AM-2**

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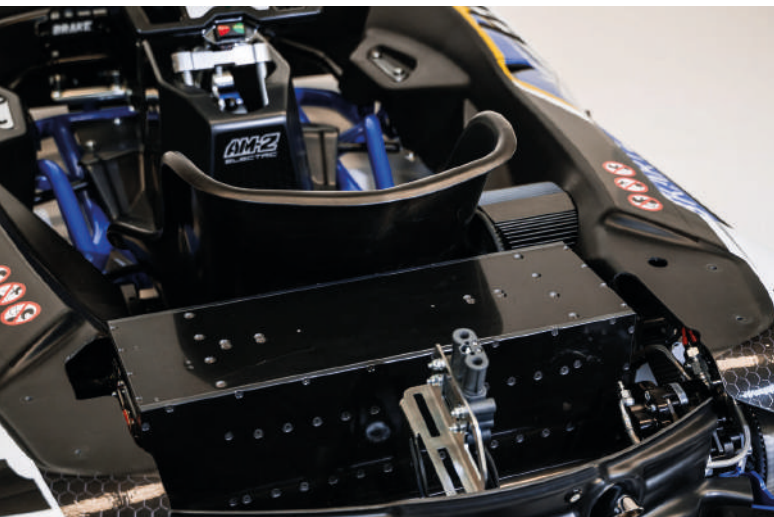
## MAIN DATA

### **Max Speed**

70-90km/h depending on gear ratio

### **Continuous power**

14 CV



## BATTERY PACK

### **Capacity**

4,3kW.h/100A

### **Max Voltage**

49 Vdc

### **Max Current**

200 amp (BMS limited)

### **Life**

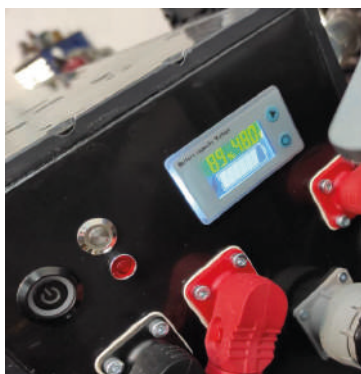
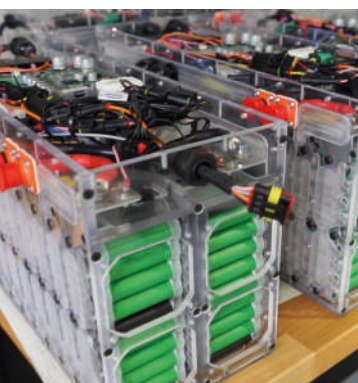
Up to 10.000 cycles

### **Cooling**

Forced ventilation

### **Safety:**

Fuse, charging contactor, discharging contactor.



### **BMS includes:**

Under-over voltage protection, over-current protection, over temperature protection, balancing and other functionalities



## TECHNICAL CHARACTERISTICS

<b>Lenght</b>	2060 mm
<b>Width</b>	1415 mm
<b>Height</b>	600 mm
<b>Height with roll bar</b>	980 mm
<b>Weight</b>	180 Kgrs
<b>Rear Axle</b>	D50 mm x 2 mm HARD
<b>Brake</b>	Hydraulic with 4 pistons
<b>Diameter of tube</b>	40 x 2 mm & 32 x 2 mm Cr-Mo
<b>Anti Gas-brake system</b>	Yes
<b>Adjustable Pedals</b>	Yes



## MOTOR

**Continuous power**

14CV

**Max Speed**

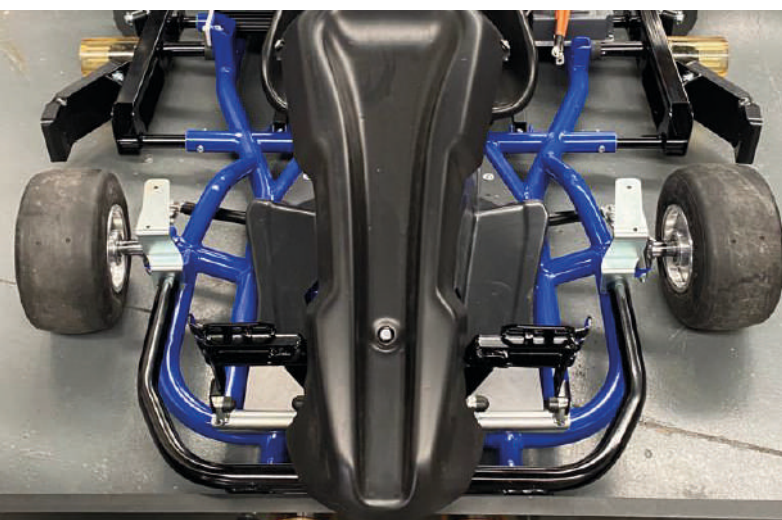
4500 rpm

**Max torque**

80 N.M

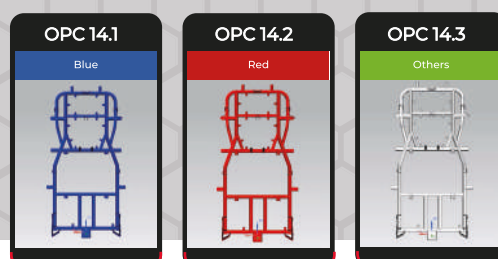
**IP grade**

IP65



## CHASSIS STRUCTURE

Chassis tubes cut using laser technology and bent with CNC machines with a new lightweight and ultra resistant Cr-Mo alloy.



## CHARGER

**Output current** 145A @49 Vdc

**Input Power** 8kW - 3 phase + earth





Thanks to the optimization of the design and when working with light materials, a weight that can vary between 175 and 185 kg has been achieved, depending on the extras, a factor that translates into less consumption of batteries, tires, lightness in the direction and lower impact force in case of collisions

### **The perfect balance between sportsmanship and functionality**

Regarding safety, the kart is equipped with the best shock absorption systems on the market, roll bars, seat belts, protection of dangerous parts of the kart and electrical protection systems.

In short, the Electric AM-2 is a very reliable, efficient, easy-to-drive kart with simply brutal aesthetics. For us, these are the 4 key points that a rental kart should have to increase the turnover and profits of your circuit. The best work tool for professionals.



# ADVEO

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