

ADVEO

ELECTRIC KART ENGINEERING

AM-2
ELECTRIC



BRBKARTS

Propulsión System by

WWW.ADVEOELECTRICKARTS.COM

ALUANDRIVE
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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PLAYANDDRIVE
ELECTRIC KART CHALLENGE



TECHNICAL CHARACTERISTICS

Length	2060 mm
Width	1415 mm
Height	600 mm
Height with roll bar	980 mm
Weight	175 Kgrs
Rear Axle	D50 mm x 2 mm HARD
Brake	Hydraulic with 4 pistons
Diameter of tube	40 x 2 mm & 32 x 2 mm Cr-Mo
Anti Gas-brake system	Yes
Adjustable Pedals	Yes



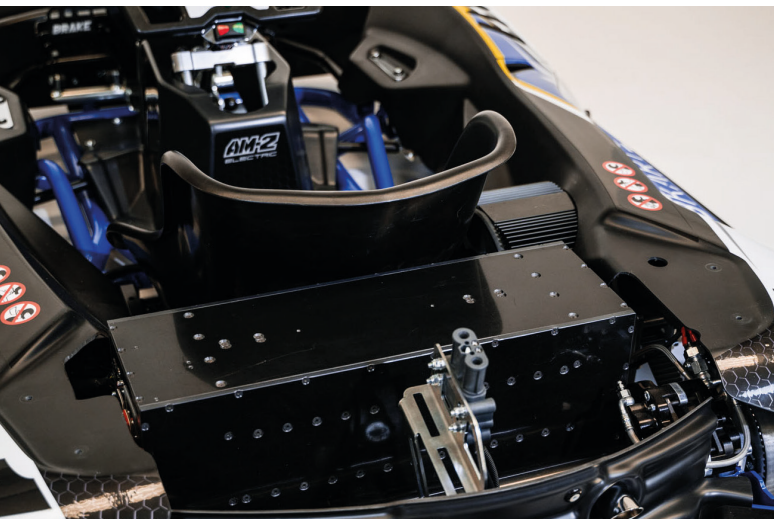
MAIN DATA

Max Speed

70-90km/h depending on gear ratio

Continuous power

13 CV



BATTERY PACK

Capacity

4,3kW.h/100A

Max Voltage

49 Vdc

Max Current

200 amp (BMS limited)

Life

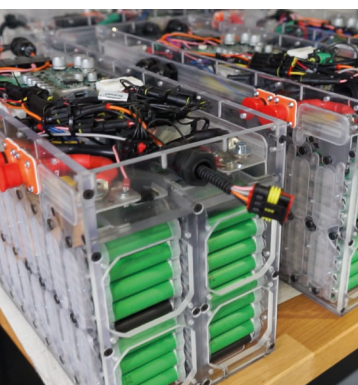
Up to 10.000 cycles

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



MOTOR

Continuous power

13CV

Max Speed

4500 rpm

Max torque

80 N.M

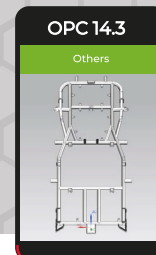
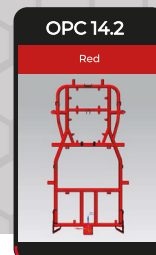
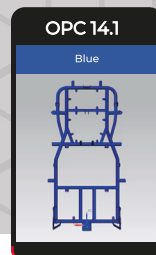
IP grade

IP65



CHASIS STRUCTURE

Tubos del chasis cortados usando tecnología láser y doblados con máquinas CNC con una nueva aleación ligera y ultra resistente de Cr-Mo.



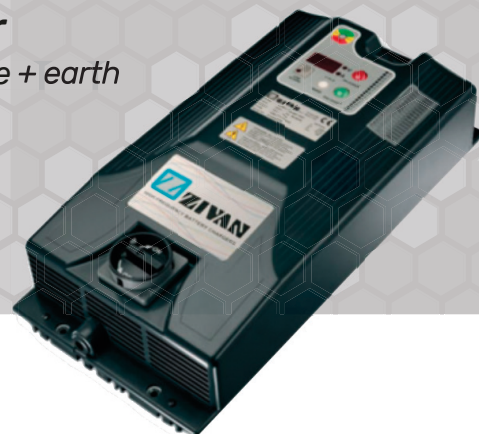
CHARGER

Output current

120amp @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.



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