



Real Federación  
Española de  
Automovilismo

# Open España 2021 eKarting

Senior



birelART

Praga  
RACING



KARTREPUBLIC

TONY//KART

PIRELLI

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PLAY AND DRIVE  
ELECTRIC PROPULSION MOTORSPORT

## Play and Drive, a new age in racing

### A professional career:

*Do you want to reach Formula E or even Formula 1? Formula E has become the leader in 100% electric single-seater Motorsport, with Formula 1 committed to becoming sustainable in the near future to remain one of the pinnacles of Motorsport worldwide.*

*With the integration of increasingly recognized brands in each season, the message is clear that interest in electric competition is growing exponentially.*

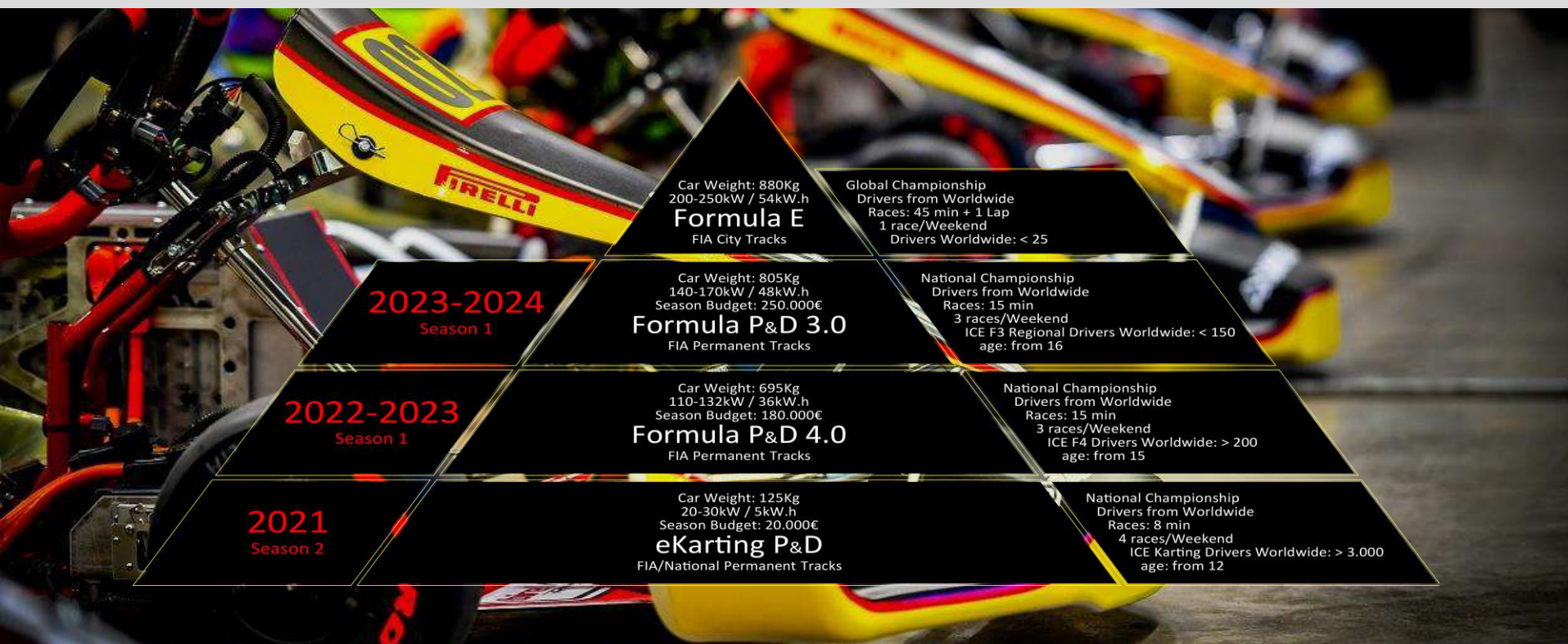
*But Formula E is at the top of a pyramid in which, at the moment, there is only one category. Play and Drive will change the game.*

*It is our singular goal to complete this pyramid, providing opportunities for the professional drivers of the future the same ladder to the top as offered in single-seater combustion racing. Play and Drive has developed and tested several fully electric propulsion systems over the past 10 years in real racing conditions. Despite the great technological challenges of different battery architectures, we have persevered with our vision.*

*Our Lotus Elise S1 E15 had great results against combustion cars in the 3rd Absolute Aragon Speed Championship 2015, and in 2019 we hosted our 1st high performance eKarting championship with international drivers organized at Motorland Aragon. Play and Drive has developed the necessary technology to face new challenges and apply it to the new categories of single seater racing that we will launch in the coming seasons to create the missing steps of a new pyramid that will give the possibility to young professional drivers to reach to the heights of electric motorsport.*



*Play and Drive, the beginning of your professional career*



## Play and Drive, where knowledge is power

### Learning:

*To continue with its philosophy of bringing young drivers closer to the new technologies of the competition, Play and Drive invites any participant to visit its facilities and receive an accelerated course on high-performance electric propulsion for the competition.*

**PLAY AND DRIVE (SPAIN):** Lotus Elise S1 E15, eKart EGT3, EGT4, EGT5, Formula P&D 4.0, Workshop, Design and Manufacturing of Battery Packs, etc.

*In addition, Play and Drive has prepared, for interested drivers, a series of visits to companies that are also key in the evolution of sustainable mobility worldwide. The more technical knowledge a driver has, the better they can manage their race, communicate with engineers and improve their results, creating the best opportunity in a competitive field of being chosen as the main driver by one of the many great teams of Formula E, Formula 1, and the fast-growing field of electric motorsport series.*

**QEV Technologies (SPAIN):** Hispano Suiza Carmen, Arcfox GT, Formula E, Formula E Simulator, etc.

**RIMAC (CROATIA):** Concept One, Concept Two, factory tour and meeting with the Test Driver, Engineers Chief, etc.



# Ready to race with a High Performance eKart?

## Experience:

With 5 generations of eKart prototypes and the organization of the 1st Official eKarting Championship that took place at the FIA Circuit of Motorland Aragón (SPAIN) in October 2019, Play and Drive launches its 2nd eKarting season in the form of "Spanish Open" with one unique event at Motorland. The Championship has the approval of the RFEDA (Royal Spanish Automobile Federation).

In 2019, 8 racing drivers from 8 different countries participated in the 1st Edition.  
In 2021, 12 international racing drivers will take part in the 2nd Edition.

## Format:

Days Event: 3 days

**Friday:** Private Practices, 6 sessions

**Saturday:** Private Practices, 6 sessions

**Sunday:** Race Official Day, 2 QL + 4 races

At the end of each race, points will be awarded according to the classification and the sum of the points will announce the general classification of the event.

## Equality:

Play and Drive defends the equality of weight between the drivers so that all of them have the same opportunities:

Minimum Weight: **Senior Class: 199Kg**

**Race**  
**November 12-14th 2021**



## MOTORLAND

**International Karting Circuit**  
**ALCAÑIZ**

- Racetrack with homologation by CIK-FIA for international events.

- Length of the homologated racetrack: 1.671,63m
- Track width: 10m
- Length of the start straight: 173,361m
- Number of turns: 9 left-handers/10 right-handers
- Maximum gradient (ascent): 3,25 %
- Maximum gradient (descent): 4,50 %

# How to participate?

## Who?

The "eKarting Spanish Open 2021" is reserved for racing drivers provided with license: "Senior" or similar license at the discretion of the RFEDA, "ITC-Restricted", "ITC-Senior", "ITB" or "IT-A", that during the season will turn 14 years old.

## Inscriptions?

Send an email to [guillaume.meura@playanddrive.com](mailto:guillaume.meura@playanddrive.com) with your CV and we will verify that you meet the requirements established in the Sports Regulations. Once your data have been verified and we have communicated your pre-registration, you will have 10 days to make the payment of a deposit of € 1,000 to secure your place. That amount will be returned after the last event of the year discounting the possible repairs that have arisen during the year. This amount does not cover repairs worth more than € 1,000.

Places are awarded by strict pre-registration order.

All registered drivers accept the Sports and Technical Regulations approved by the RFEDA and its Annexes.

## Payment Calendar?

**RACES:** The inscription to each **3 Days Event** will be paid **at least 30 days in advance** of the date of each event. In the case to not accomplish the date of the advanced payment, the driver will lose his preference to continue in the Championship and his place will automatically pass to the next driver on the waiting list. The tires will be charged separately and also in advance.

## Ready to race in the first multibrand eKarting championship?

### Costs:

**Option 1:** Registration for “free”: **Chassis Birel KZ**, The driver will have the right to bring 1 mechanic. For competitors who come from outside Spain and if they request it, Play and Drive will make available to their mechanic the basic tools for set up the eKart and changing tires. This service is free.

The “free” pack includes:

- Registration fee
- Renting Propulsion Kit EGT5 **with Chassis**
- Complete ekart logistic
- Box (shared)
- Recharge infrastructure
- Prizes access
- Technical assistance propulsion kit

The pack doesn't include:

- Tyres costs ( 3 sets/event)
- Mechanical assistance, travels, food, etc.

Price: €3.500 + 21%VAT (€4.235) for the complete event of 3 days.

**Option 2:** Registration within an “Official Team”: **Team Chassis KZ (Tony Kart, Kart Republic, Praga, etc.)**. All Teams and seats available will be announced during the registration period.

The “Official Team” pack includes:

- Registration fee
- Renting Propulsion Kit EGT5 **without Chassis**
- Propulsion Kit logistic
- Box (shared)
- Recharge infrastructure
- Prizes access
- Technical assistance propulsion kit

The pack doesn't include:

- Tyres costs ( 3 sets/event)
- Team Chassis renting, Team mechanical assistance, travels, food, etc.

Price: € 3.000 + 21%VAT (€ 3.630) for the complete event of 3 days.



# Super Prizes!

## Prizes:

The winner of the "eKarting Spanish Open 2021 Senior": **Formula E Gen 1** of **QEV Technologies** Test (1st Formula E season winner)



ALL the Junior/Senior drivers will have the right to have a test with the **Formula P&D 4.0** (min. height 160cm) and a **Tesla Experience** on the track and a test with the **Formula E Simulator** of **QEV Technologies** in Barcelona (SPAIN)



Top 3 Classified "eKarting Spanish Open 2021 Junior/Senior": 1st: € 1,000 / 2nd: € 800 / 3rd: € 600



# Race format

## FRIDAY/SATURDAY SCHEDULE

8:20	Private Practice 1	RENTAL	FREE	9 Drivers
8:45	Private Practice 2	RENTAL	FREE	9 Drivers
9:10	Private Practice 3	RENTAL	FREE	9 Drivers
9:25	Private Practice 1	OPEN	SENIOR	12 Drivers
9:40	Private Practice 4	RENTAL	FREE	9 Drivers
10:05	Private Practice 5	RENTAL	FREE	9 Drivers
10:30	Private Practice 6	RENTAL	FREE	9 Drivers
10:45	Private Practice 2	OPEN	SENIOR	12 Drivers
11:00	Private Practice 7	RENTAL	FREE	9 Drivers
11:25	Private Practice 8	RENTAL	FREE	9 Drivers
11:50	Private Practice 9	RENTAL	FREE	9 Drivers
12:05	Private Practice 3	OPEN	SENIOR	12 Drivers
12:20	Private Practice 10	RENTAL	FREE	9 Drivers
12:45	Private Practice 11	RENTAL	FREE	9 Drivers
13:10	Private Practice 12	RENTAL	FREE	9 Drivers
13:25	Private Practice 4	OPEN	SENIOR	12 Drivers
13:40	Private Practice 13	RENTAL	FREE	9 Drivers
14:05	Private Practice 14	RENTAL	FREE	9 Drivers
14:30	Private Practice 15	RENTAL	FREE	9 Drivers
14:45	Private Practice 5	OPEN	SENIOR	12 Drivers
15:00	Private Practice 16	RENTAL	FREE	9 Drivers
15:25	Private Practice 17	RENTAL	FREE	9 Drivers
15:50	Private Practice 18	RENTAL	FREE	9 Drivers
16:05	Private Practice 6	OPEN	SENIOR	12 Drivers
16:20	Private Practice 19	RENTAL	FREE	9 Drivers
16:45	Private Practice 20	RENTAL	FREE	9 Drivers
17:10	Private Practice 21	RENTAL	FREE	9 Drivers

## SUNDAY SCHEDULE

8:20	QL 1	OPEN	SENIOR	12 Drivers
8:40	QL	RENTAL	GROUP 1	9 Drivers
9:10	Race 1	RENTAL	GROUP 1	9 Drivers
9:30	QL 2	OPEN	SENIOR	12 Drivers
9:50	Race 2	RENTAL	GROUP 1	9 Drivers
10:10	Race 3	RENTAL	GROUP 1	9 Drivers
10:40	Race 4	RENTAL	GROUP 1	9 Drivers
11:00	Race 1	OPEN	SENIOR	12 Drivers
11:20	QL	RENTAL	GROUP 2	9 Drivers
11:50	Race 1	RENTAL	GROUP 2	9 Drivers
12:20	Race 2	RENTAL	GROUP 2	9 Drivers
12:40	Race 2	OPEN	SENIOR	12 Drivers
13:00	Race 3	RENTAL	GROUP 2	9 Drivers
13:30	Race 4	RENTAL	GROUP 2	9 Drivers
14:00	QL	RENTAL	GROUP 3	9 Drivers
14:30	Race 1	RENTAL	GROUP 3	9 Drivers
14:50	Race 3	OPEN	SENIOR	12 Drivers
15:10	Race 2	RENTAL	GROUP 3	9 Drivers
15:40	Race 3	RENTAL	GROUP 3	9 Drivers
16:10	Race 4	RENTAL	GROUP 3	9 Drivers
16:30	Final	OPEN	SENIOR	12 Drivers
16:50	Podium	OPEN	SENIOR	3 Drivers
17:10	Final	RENTAL	TOP 3 GROUP 1,2,3	9 Drivers
17:30	Podium	RENTAL		3 Drivers

## eKart Play and Drive EGT5 Data Sheet

Model:	Propulsion Kit EGT5
Autonomy (Typical Capacity):	5.0kW.h
Chassis-Frame:	KZ CIK-FIA Homologation
Bodywork and Bumpers:	CIK-FIA Homologation
Brake System:	Front and Rear Brake Disks CIK-FIA Homologation
Data Logger and Display:	AIM Solo 2 DL
eKart Weight :	~ 125,5Kg
eKart Minimum Weight (Driver included):	199 kg (Senior)
Transmission:	Rear wheel drive with chain transmission
Motor Peak Power (Qualifying-mode):	30kW (41HP)
Motor Peak Power (Race-mode):	20kW (27HP)
Motor Peak Torque (Qualifying-mode):	105Nm
Motor Peak Torque (Race-mode):	105Nm
Max Speed:	110-150 km/h, according to final ratio and class
Rated Voltage:	100,8V
Charging Time:	45-60min (25-95%)



*Do you want to be one of them?*



**Benjamin Cartery**



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**Axel LaFlamme**



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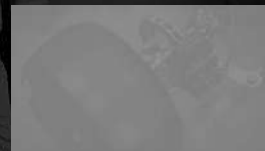
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[www.playanddrive.com](http://www.playanddrive.com)

