

ECO GRAND PRIX – 9H OF HUNGARY RULES AND REGULATIONS

// HOW TO WIN //

The aim is to show to the world that electric cars can drive a lot of km in 9h. Second it is not really known how much km can drive a VW eGolf in comparison with a BMW i3 at the same conditions. So, the question is how to drive the maximum number of laps having only CEE 32A sockets like I found them all around the word at the hotels I added to www.chargehotels.com. Every car category will set its own record, so BMW i3 will compete vs BMW i3, eGolf vs eGolf and Kia Soul E vs Kia Soul E.

The easiest way to win is to check the participant list, take a car no one other is taking and come to the start. If you are the only one you will win in your category but you should take care to make as

many laps as possible because you wouldn't like your record to be beaten easily next year.

In case there is another car starting in your category you should take care that you can charge 22kW. If you don't have the appropriate adaptor with you, you should rent or buy one. And then the thrill begins ... perfect team strategy, flexible charge stop strategy adapting to weather conditions, heating, cooling, a lot of factors which can make some laps more ...

The competition starts 1.6.2018 at the morning and ends late in the evening with a pause of 2 hours in between.

// PARKING //

Gas cars have to park at the outer park spaces.

All electric cars including the starting team members are allowed to park near the boxes.



// ACCESS //

Participants:

Drive to Hungaroring following the navigations system and the signs one day before start. Tell at the gate your starting number and name and the officer will give you a sticker to get access to the paddock. The registration of the teams is done from 2PM till 4PM at the registration office. You will be indicated where to go. 5PM there is a briefing for all team captains, if you are coming late you will be disqualified. Only teams which joined the briefing are allowed to start. 6PM your cars will be inspected and labeled with stickers. 8PM the eco Grand Prix will meet at a restaurant to have a dinner, you will be welcome to join if you like.

Guests:

Guests not having the paper printed free entry have to pay the entrance fee per person (the money will be donated to the eco Grand Prix NGO caring for supporting clean air projects). Children under 16 years get a free entry.

Everyone who is intending to sit in a car driving at the race track is obliged to wear a helmet.

In case you are one of the following groups you should follow the instructions:

■ EV DRIVERS: In case you are a guest coming with an 100% EV, please come to the gate to get the entrance sticker for the access to the

charge area. Every car will get a Schuko so that all cars will be fully charged after the event

- PARTICIPANT: Participating drivers have to show the driving license allowing to drive cars and the helmet and shoes they are intending to wear.
- TEAM MEMBERS: Team members or VIPs wanting to be at the introduction lap in the cars have to get the accreditation sticker and show the Helmet they want to start with.
- MEDIA: Media will get the Media accreditation bracelet. They have to join afterwards the briefing to get the instructions and safety jackets before getting access to the restricted areas. First briefing on 1.6. at 10AM.
- ORGA: Members of the organization team have to come to the hotel one day before start on 16h latest to join the eco Grand Prix Orga briefing.

It is strictly forbidden for anyone but the marshals to enter the race track, only participating cars are allowed to enter. During the competition no guest is having the right to cross the indicated white line at the pit lane. During the competition the maximum amount of people sitting in the competing car is ONE.

// CHARGING //



Every team will get access to one own 32A CEE socket at his box (see photo).

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Please take care to bring your own chargers and adapters to be able to charge. You will find the sockets like this and you will have to charge for sure to make the 9h:



The mobile Charger NRG kick www.nrgkick.com is supporting to be plugged in to 32A sockets and having a Type 2 plug for electric cars.

Teams are allowed to take their own charging equipment. For one phase charging cars it is recommended to bring AC/DC converters available at <http://ladetechniknord.de/> or other producers to be able to charge at maximum 22kW speed. Battery buffering or swapping is not allowed. This would not reflect real life charging situation.

It is obligatory to have a 10m CEE extension cable to extend the socket to reach the pit lane to allow to charge the car at the pit lane without to drive into the box.

You can buy this cable at the race track or if you have it take care to have the 6mm² version to be able to stress it for hours. You may rent it at the race track for 10€ depositing 100€ in cash. The team cars can be charged overnight to be full in the morning.

// TECHNICAL INSPECTION //

Only 100% not modified standard electric cars are allowed to start.

The inspection will be done by the “eco Grand Prix Pit Bulls” the members of the organization team paying attention to compliance with the rules.

If required the owner of the car has to give access to a Pit Bull to mount lights or cameras to the car and test the charging.

The cars have to stand at the pit lane at 8AM on 1.6.2019. Cars failing to be there in time will

be disqualified. The driver briefing is as stated the day before. Drivers not being at the briefing will not get the clearance to start.

Drivers have to allow the Pit Bulls to stick the car of the participant with stickers from sponsors. After the event the owner can keep them or take them off himself.

The Pit Bulls will also mount eco Grand Prix plates exchanging the original plates so that no one will be able to take pictures of the cars with the original plates (insurance reasons).

// DRIVING //

Only accredited pilots are allowed to drive the cars. You will get the accreditation bracelet after the briefing. A team is allowed to have as many drivers as they want and also allowed to change as often they want. Drivers have to show their diving license to the eco GP crew to get accredited.

At 7AM the pilots will be leaded over the track and should drive behind the safety car in a distance of 3 cars maximum. After the introduction lap all co drivers have to leave the cars at the pit lane and the cars will be placed at the starting positions in the sequence of their starting numbers.

The **Pit Bulls** will take photos form the odometers and the charge status of every car at the starting place and post it online so that the live streaming followers will be included into the information flow.

If someone wants to start more in front he can donate money to eco Grand Prix. The one pays most is the front car. In case a team wanting to test the track you could do it one month before on 1.5. or free under the condition you being already registered (fee paid).

At 8AM the start sign will jump to green and you will be counted the laps driven till exactly 12AM. After this 4 hours all cars have to drive to the pit lane and stand there for one hour without charging their cars. At 1PM the drivers shall be sitting in their cars in the pit lane and will be leaded to their starting slot. The sequence of the starting will follow the sequence of the actual ranking.

At the pit lane the maximum allowed speed is 20km/h.

In case a car runs out of battery at the race track, the driver has to sit in the car till the safety car is

coming to toe him to the pit lane. As soon a car is identified by the marshals not to drive at the race track the competition is stopped and all cars have to leave to the pit lane. The car will be toed and will get a penalty defined by the marshals which will be normally a stand punishment of several minutes after he is ready to start again where he has to stay and wait without charging. Running out of battery at the end of the race will mean driven laps will be subtracted per minute it stopped before the end of the challenge.

Any kind of rule breaking will be investigated by the stewards and will lead to penalties in extreme cases to disqualifications.

// GENERAL //

In the briefing session the participants will be trained by the race track marshals regarding the flag policy, will be able to ask the questions and will get a presentation where the rules will be presented again in detail. Some rules may change depending on the weather and other conditions so the final rules written and hand over the day 31.5. at the briefing will be the agreed ones for all participants.