

## Info #2

### Charging plan

1. In Lagoa (TC1.1) competitors will start for Leg 1, from “Parc Fermé”, with 100% of battery;
2. On day 1, competitors follow a similar route of the last year event, with a total of 138.660 Kms (Leg 1 + Leg 2);
3. Considering the data collected last year, for this route, we had an average battery consumption of 21 kWh/100Kms. For this year's route we estimate a total consumption of 27 kWh for Leg1+Leg2;
4. To replenish this energy at the end of day 1, we have two situations:
  - a) We allow 4 hours (from TC 2.3 to TC 2.4) for recharging at public chargers. We have stations with 50KWh CCS sockets (MODE 4) that can replenish the charge in 30 minutes and others with 22KWh sockets (MODE 3) that can do so in around 2 hours. The location of the public charging stations can be found at the link:<https://www.mobie.pt/en/mobienetwork/finding-charging-points>
  - b) We will, also provide for each car a domestic socket (MODE 2) in “Parc Fermé” which can charge an average of 2.5 kW every hour.
5. With these conditions combined, the replacement of energy consumed on day 1 (Leg 1 and Leg2) is guaranteed. The organization will provide a universal access card to all public chargers in Portugal;
6. Despite the fact that day 2 is within the regulatory limits for uncharged journeys, we will provide domestic sockets for vehicles with a capacity of 50kWh or less at the end of Leg 4;
7. At the end of Day 2, competitors will go to the “Parc Fermé” in Ponta Delgada where they will find the domestic sockets again (MODE 2). They can charge all night or, after the “Parc Fermé” open, the competitors, can charge freely at other stations.
8. This information note will be added to Bulletin no. 1

Ponta Delgada April 12, 2024

The Organizing Committee

## Appendix 1

### 1. Public Station Sockets

Like we can find in <https://www.mobie.pt/en/mobienetwork/finding-charging-points>

### 2. Domestic Sockets (Mode2)

Domestic sockets with 220V / 16A will be made available in Parc Ferme in Alameda das Portas do Mar, in Ponta Delgada. Charging will be done with an average of 2.5 KW/H. The characteristics are described in point 4.3 of the FIA technical regulations.



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\*Similar to the photo

### 3. Wallbox (mode3)

On Saturday, during lunchtime, wallboxes with a power of 7.4 KW will be available for charging vehicles with a battery capacity of 50Kw or less. The characteristics are described in point 4.3 of the FIA technical regulations.



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\*\* Similar to the photo

Please note that for points 2 and 3, competitors must have the charging cables that come with their cars.