QUICK USER GUIDE

for electric vehicle Nissan-Voltia eNV200 MAXI

DRIVING

Driving this electric vehicle is similar to driving a vehicle with an internal combustion engine, though there are some differences as described in this user guide.

- **TURNING ON AND OFF**
  - The vehicle is equipped with a "Keyless" entry and ignition system – driver doesn't need to insert the car key into the ignition, the driver only needs to have the car key in the cabin.
  - To turn on the vehicle, just **press the START/STOP button** while the **brake pedal is depressed**.
  - The vehicle will activate in a few seconds – the dashboard will switch on.
  - To turn off the vehicle, just press the START/STOP button while the brake pedal is released.

- **RIDE**
  - While the vehicle is equipped with a single speed gearbox there is no need to change the gears with the gear lever. The gear lever is used to change the direction of driving: **forward ("D/B")**, **reverse ("R")**, **neutral ("N")**, or to activate the **parking regime ("P")**. When changing between modes, the vehicle should be stopped and the braking pedal depressed. When the gear lever is in position "D/B" it is possible to swap between "D" and "B" modes by pushing it left/right – **"B" mode** is more economical, regenerative braking more intense thus the range is extended.
  - The driving economy should be monitored by the driver on the central part of driver's dashboard area: if the actual **power usage indicator** moves on its **left side**, the driving **style is economic**. If it approaches its **right side**, the **driving style is too aggressive**, more energy will be consumed and the range will be shortened.
  - The driver should also **monitor the remaining range** of the vehicle displayed on the central part of driver's dashboard area, represented either by the traction battery state of charge gauge or by the distance to empty ("km"), estimated based on actual conditions and the driving style. Based on the information regarding range and the distance to travel, the driver should adjust his driving style.
  - To extend the range, it is strongly advised to operate the vehicle in the **"ECO" mode**, which can be enabled by pressing the "ECO" button in the middle of the dashboard.
  - Before **driving in wintry conditions**, it is necessary to **let the vehicle heat up** by activating the car key "fan" button circa 15 minutes before ride; note that the vehicle has to be connected to charging cable/station during this process. This will heat the cabin, as well as the traction battery, which has a positive influence on the vehicle range.

- **BRAKING**
  - In order to extend the range of the vehicle, it is strongly recommended to **brake by regeneration** when slowing down or braking. Regeneration mode charges the traction battery while the vehicle is slowing down.
  - Regeneration is **automatically activated** after releasing the accelerator while the gear lever is **in „D/B" position**.
  - When slowing the vehicle down, the **regeneration is increased by pushing the brake pedal**.

PARKING

  - To avoid unintentional movement of the vehicle, before exiting the vehicle, it is mandatory that the **driver ensures that the vehicle is properly stopped by activating the parking brake and/or the hand brake**. **Warning**: it is not possible to

brake the vehicle by shifting the gear lever into the "D/B" or "R" position (it is possible to turn the electric motor freely even when turned off)!

- It is enough to use the **parking brake** when stopping the vehicle on a **flat area**. When stopping the vehicle on **steeper hills** it is recommended to use the **hand brake** as well. On steep hills, it is also strongly recommended to turn the steering wheel left or right and use the chock.
- **Warning**: when activating the parking brake "P" the vehicle has to be stopped and the braking pedal depressed to prevent any damage to the parking brake mechanism!
- **Warning:** after activation or deactivation of the parking brake the driver is obliged to release the braking pedal slowly, in order to minimize the shock impact on the parking brake mechanism!

CHARGING

We recommend **plugging the vehicle in whenever it is possible, ideally during every stop**. Only a compatible cable supplied with the vehicle should be used for the charging. It is also possible to charge the vehicle at any compatible charging station of "Type 1" or "CHAdeMO" standard, eventually of "Type 2" standard through dedicated charging cable.

- **CHARGING PROCESS**
  - Make sure the vehicle is properly stopped and turned off. Release the charging connector cover situated above front bumper by pulling the blue charging station symbol lever which can be found to the lower left of the steering wheel.
  - **Firstly**, plug the charging cable **into the vehicle's socket**. **Only then** plug the charging cable **into the power grid socket** (min. fusing 16A) or **charging station socket,** in case a charging cable is used.
  - **Finally, check that charging has started properly**: it is indicated by the blinking blue indicator light on the top of the dashboard. Its position and other indicator light(s) which will eventually turn on, point to the traction battery state of charge.
  - **Successful completion of charging** is indicated when all three indicator lights on the dashboard turn off.
  - If it is needed to **interrupt the charging** before the charging process is finished, unplug the cable from the power grid socket first and only then from the vehicle's socket.

- **CHARGING TIME**
  - The estimated charging time is indicated in the right part of driver's dashboard area.
  - **Charging from a common wall socket** (220V, 16A), from 0% to 100% takes approx. **8 hours** when 16A charging cable is used, or approx. **12 hours** when 10A charging cable is used.
  - **Charging from an AC charging station** (labelled 32A or 22kW), from 0% to 100% takes approx. **4 hours**.
  - **Charging from a "CHAdeMO" DC fast charging station**, from 0% to 80% takes approx. **35 minutes**.

- **CHARGING CONDITIONS**
  - Optimal outside temperature for charging is from 0°C to 35°C; other temperatures can extend the overall time it takes to complete charge.

INDEPENDENT HEATING

- The vehicle may be **equipped with extra** diesel **heating** independent from the original HVAC system. It is ducted on the windshield and to the driver's legs area – this ventilating aperture should be open/close according to the needs. Volume of the fuel tank is 10L, its filling cap is situated in the motor compartment.
- The heating can be **turn on by the relevant trigger switch** and the temperature **adjusted by the temperature regulator**. The check light indicates a fuel level lower then 2L - refuelling is needed.
- The original heating/AC may be used as well, but bear in mind, in contrast with the independent heating, their utilisation negatively affects the vehicle's range.

Warning: it is strictly forbidden to use the vehicle for towing another vehicle in any way!

In case of any issues, please contact Voltia dispatching at: +421 911 668 338