

# Nissan Leaf Information 2021

Thank you for hiring a Nissan Leaf plug-in electric vehicle from **mode** Rentals. Here is some helpful information about your rental car.

## Suitability

Fully electric vehicles have some differences to traditional petrol engine vehicles, mainly relating to shorter driving range between charges. Please carefully read the material below to satisfy yourself that your chosen vehicle is fit for your intended purpose.

If you would prefer a substitute vehicle, please discuss with our friendly team prior to your departure. Any substitution is subject to availability and upgrade fees may apply. Any substitutions after you have commenced your journey will require a return to base swap, or delivery of a substitute vehicle will be subject to a callout fee and subject to staff availability.

### Range

We currently offer one category of Nissan Leafs with the following characteristics:

Category	Year Range	Battery capacity kWh	Typical* range - km – city driving	Typical* range - km – open road driving	Best suited to:
Regular	2018 – 2020	40	230 – 250	210 - 230	Around town and short to medium length trips

\* These ranges may be less, depending on driving style and speed, hills, wind, use of headlights and other accessories etc.

Longer routes need a little more planning to keep aware of how far away the next charging station is to ensure you keep the car sufficiently charged to get there. Just like a petrol vehicle running out of petrol, if the battery reaches zero charge the vehicle will stop and need to be towed, **at your cost**, to the nearest charging station.

### Charging

We recommend you use Chargenet stations that you can find on **charge.net.nz**. To save you needing to set up your own Chargenet account, you will also be provided with a charging token with your car key that will allow you to use the Chargenet fast charging stations which charge a fee. Once we receive billing information from Chargenet, we will pass on to you by way of a charge to your credit card the costs of any charging you do using this token, plus a 10% administration fee. The Chargenet charging network is usually sufficient for hirers' needs – equivalent to filling up regular vehicles at petrol stations, just a bit more often.

There are also some free-to-use fast charging stations, and other providers of pay to use charging. To find all charging stations near you, download the mobile app **PlugShare** or visit **[www.plugshare.com](http://www.plugshare.com)**. The Nissan Leaf uses **CHAdeMO** charging points – there is a filter for these plug types on PlugShare.

The fast-charging stations top up the batteries to ~ 80% capacity in no more than 30-40 minutes. Fast charging heats up the battery pack. On very long trips in one day, where you need more than one fast charge, you may need to occasionally take breaks to allow the battery to remain within its normal operating temperature range.

No cable is needed to charge at the Chargenet stations. We do not supply as standard a cable to allow slow charging via a normal power point, or the different cable required to connect to some slower public charging points. These can be made available as an optional extra for a small additional daily fee, with advance notice, subject to availability.



## Driving Tips

To maximise range, we suggest the following driving tips:

Use the accelerator pedal lightly. Try driving in “Eco” mode which reduces acceleration at any accelerator pedal position. But the car can feel a bit sluggish in this mode, so it is not for everyone.

On long downhill stretches, use the “B” forward gear rather than the “D” forward gear as this increases the energy going back into the battery via regenerative braking.

Anticipate when you need to slow down and take your foot off the accelerator, and when safe, minimise use of the footbrake and instead use regenerative braking to slow down, which puts charge back in the batteries.

Please talk to our staff if you need more information.