

Battery Health Check



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Assessment ID
FE84D893

Test date: 24/07/2026 [14:31]

Tested by: Drive Green

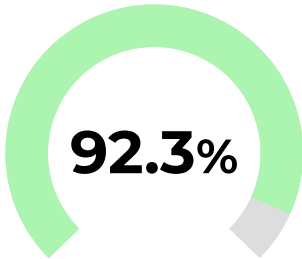
Vehicle information

Make	NISSAN	Registration	SM21ZNP
Model	LEAF TEKNA	First registered	21/06/2021
VIN	SJNFAAZE1U0106802	Mileage	19,534

Battery health

Battery capacity 39.0 kWh | 40.0 kWh
Capacity when new (usable | nominal).

State of health
Percentage of original capacity currently available.



Cell voltage difference 18 mV
Measures how evenly the battery's cells are balanced.

Real range

This is the estimated real-world driving range this vehicle is expected to achieve under different conditions, based on its battery health. It is calculated using Generational's own model, derived from real-world driving data.

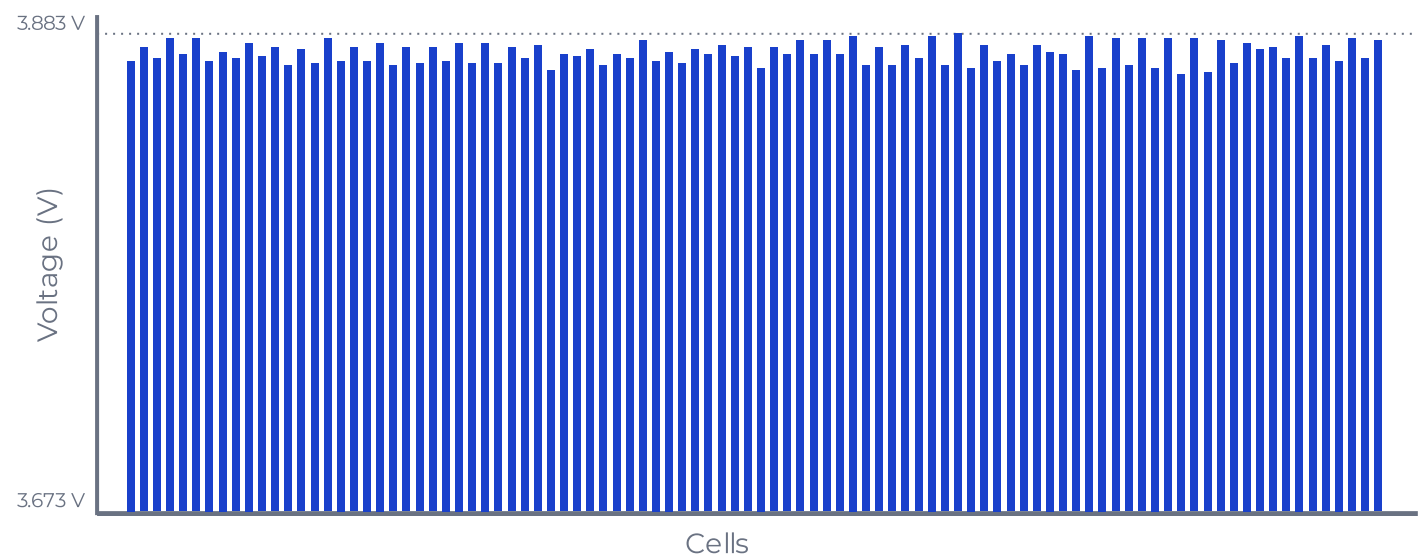
	Urban driving	Mixed driving	Motorway driving
Summer	142 miles	128 miles	114 miles
Winter	114 miles	105 miles	95 miles

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Cell voltage balance



Voltage difference between cells

Min voltage: **3.865 V**

Max voltage: **3.883 V**



If the cell voltages are unbalanced, charge the vehicle to full, wait for a minimum of 2 hours and then retest.

Battery pack data

Cell group count **96**

State of charge* **71%**

Pack temperature* **22.0°C**

Pack voltage* **372.0 V**

Pack current* **4.7 A**

*As measured at time of test

About Generational

Generational is an EV battery diagnostics and analytics company headquartered in London.

Our mission is to provide transparency on battery condition and to support the transition to EVs. Generational is backed by the UK government's net zero automotive fund, through the Advanced Propulsion Centre.

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Software version 2.3.1