Technical data

Warning: one or more signs of critical degradation have been diagnosed

Vehicle

Version	Nissan Leaf
Vehicle Identification Number (VIN)	[redacted]
Mileage	304,927 km

Diagnostic conditions

Date of diagnosis	22/09/2026 09:56 UTC
Company	www.batterychecked.ie
Site	[redacted]
Operator	
Outside temperature (outside temperature may differ from the ambient temperature of the vehicle during diagnosis)	20°C
Duration of the diagnosis	00:00:19
State of Charge (SOC) measured during diagnosis	77%

Manufacturer's warranty

We invite you to take a look at the warranty conditions for your battery: duration, mileage, number of cycles. As an indication, the average warranty observed in Europe for this vehicle is as follows: SOH greater than 75%, for 8 years or 160,000 km.

Range

WLTP when new in mixed cycle	395 km
Used WLTP in mixed cycle	321 - 355 km

Battery

State of Health (SOH) SOH generated from the vehicle's own data, as considered for the manufacturer's warranty. This SOH is not tested independently from the manufacturer.	85.66%
New usable capacity Useful capacity is the battery's actual available capacity. It may differ from the capacity communicated by the manufacturer.	59 kWh
Remaining usable capacity	50.54 kWh
BMS reset	No
Fast charging rate	1%
BMS software version	5SF2A
Peak current measured during diagnosis	-0.09 A

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Voltages

Pack voltage	379.08 V
Maximum cell voltage difference	⚠ 185 mV

We observe a very significant difference in cell voltages, indicating critical battery degradation.

Cell with the highest voltage - voltage	Cell No. 27 - 3.971 V
Cell with the lowest voltage - voltage	Cell No. 52 - 3.786 V

	1	2	3	4	5	6	7	8	9	10
1 - 10	3.944	3.935	3.946	3.942	3.949	3.946	3.948	3.948	3.948	3.947
11 - 20	3.951	3.946	3.950	3.951	3.958	3.953	3.963	3.963	3.947	3.940
21 - 30	3.949	3.950	3.954	3.948	3.962	3.956	3.971	3.957	3.965	3.963
31 - 40	3.959	3.954	3.951	3.954	3.953	3.956	3.956	3.953	3.967	3.949
41 - 50	3.952	3.941	3.954	3.946	3.953	3.948	3.953	3.949	3.936	3.916
51 - 60	3.935	3.786	3.948	3.945	3.952	3.955	3.960	3.945	3.950	3.945
61 - 70	3.951	3.945	3.952	3.947	3.958	3.956	3.962	3.943	3.959	3.955
71 - 80	3.958	3.944	3.963	3.952	3.957	3.941	3.960	3.942	3.958	3.943
81 - 90	3.964	3.949	3.963	3.940	3.956	3.941	3.956	3.940	3.965	3.936
91 - 96	3.950	3.936	3.952	3.937	3.951	3.936				



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