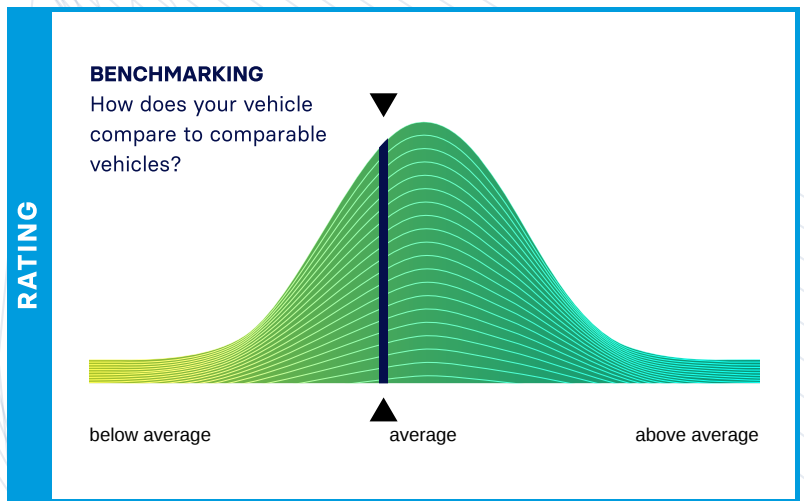
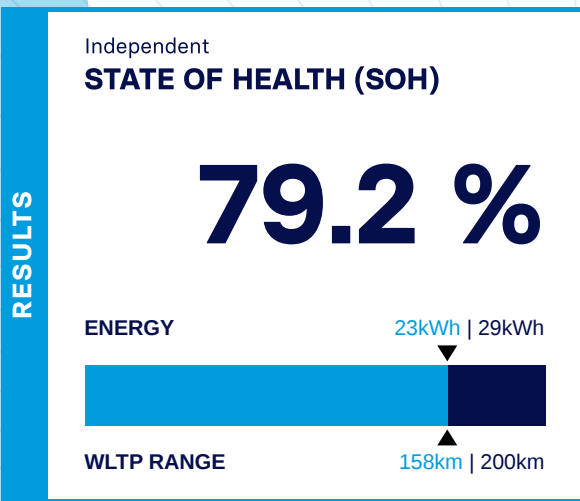


INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 16186BF9-E46F-4E09-B7A5-223E45DA1C67

VEHICLE	BRAND: Nissan	MILEAGE: 59,871 km	EXECUTED BY: Pontypridd Auto Diagnostics
	MODEL: Leaf ZE0 - 30 kWh	VIN: SJNFAAZE0U6073347	
	DATE AND TIME:		
	31/05/2026, 13:37		



CHECKS

Battery Management System (BMS)	✓
Battery Sensor	✓
Battery Measurements	✓
Battery Cell Voltages	✓
Vehicle Communication	✓



EVALUATION

FAIR HEALTH - NO ABNORMALITIES DETECTED

Based on the detailed battery diagnostics performed with the AVILOO FLASH Test, we hereby certify that the drive battery of this vehicle is in fair condition.

The drive battery is therefore officially AVILOO Certified.

Marcus Berger
Dr. Marcus Berger, CEO



ENERGY

	Gross	Net (Nominal)	Usable
Current:	23.8kWh	22.6kWh	21.4kWh
New:	30.0kWh	28.5kWh	27.0kWh

RANGE

	WLTP	Typical
Current:	158km	142km
New:	200km	180km

EXECUTION PROTOCOL

AVILOO Box connected.	13:37:46
FLASH Test started.	✓
Starting data acquisition.	✓
Vehicle detected.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

SENSORS

Voltage Sensor	✓
Current Sensor	✓
Temperature Sensors	✓
Cell Voltage Sensors	✓

BMS

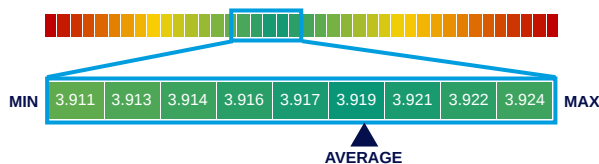
	Value	Status
BMS State of Charge (SoC)*:	70%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	81%	
SoH calculation accuracy:		✓

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	19.0°C	20.0°C	1.0°C	✓
Cell Voltage	3.911V	3.924V	13mV	✓
Pack Voltage	376.1V			
Average Current	-1.6A			

CELL VOLTAGES DIAGRAM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1 - 20	3.918	3.915	3.920	3.911	3.920	3.915	3.919	3.915	3.920	3.919	3.919	3.917	3.915	3.920	3.919	3.917	3.915	3.920	3.919	3.912
21 - 40	3.920	3.918	3.919	3.915	3.919	3.920	3.919	3.915	3.920	3.920	3.919	3.920	3.919	3.915	3.924	3.917	3.919	3.919	3.919	3.917
41 - 60	3.920	3.919	3.919	3.917	3.920	3.915	3.919	3.915	3.915	3.919	3.911	3.920	3.920	3.915	3.915	3.920	3.916	3.918	3.915	3.916
61 - 80	3.919	3.920	3.920	3.917	3.923	3.915	3.918	3.920	3.919	3.919	3.919	3.915	3.919	3.919	3.919	3.915	3.920	3.915	3.919	3.919
81 - 96	3.917	3.920	3.919	3.917	3.919	3.919	3.919	3.919	3.915	3.915	3.919	3.917	3.919	3.919	3.919	3.915	/	/	/	/



*The values shown here were read directly from the vehicle's battery management system (BMS) and are calculated and provided by the vehicle manufacturer. The State of Health (SoH) displayed corresponds to the value reported by the BMS and is CARA-certified.

DISCLAIMER: The test result includes the currently calculated state of health (SoH) of the drive battery. The determination is based on data provided by the vehicle. These are evaluated by AVILOO's algorithms using statistical and analytical models. Manipulation of the data in the control unit leads to an incorrect result. The indicated SoH has a technically induced fluctuation range (deviation) of no more than 3% in at least 95% of reference measurements. It should be noted that this tolerance applies to the SoH determination at the cell level and not to the SoH of the entire battery. This is because the state of charge of individual cells may vary, which can negatively affect the current SoH of the battery. However, this can be compensated by the Battery Management System (BMS) or during a calibration. The result reflects the condition of the battery at the time of the test. No conclusions can be drawn about the future state of health of the battery from this. Statements about mechanical damage or external influences are not part of this diagnosis.