INDEPENDENT

BATTERY CERTIFICATE

AVILOO
BATTERY DIAGNOSTICS

CERTIFICATE NUMBER: 9C054492-6CA9-4059-A822-8F247E6E67BE

VEHICLE

BRAND: Tesla
MODEL: Model X

MILEAGE: 134,136 km
VIN: 5YJXCCE49LF242715
DATE AND TIME:
13.08.2025, 12:53:38

EXECUTED BY: AURES Holdings

RESULTS

STATE OF HEALTH (SOH)

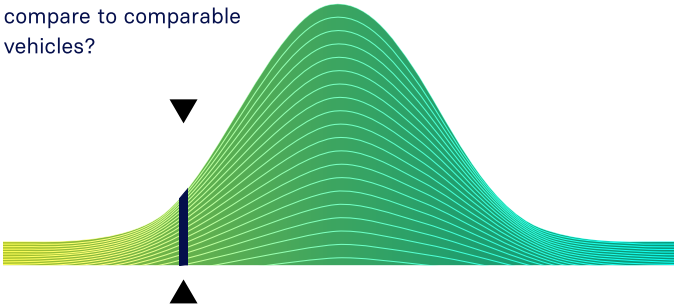
89.6 %

ENERGY 90kWh | 100kWh

WLTP RANGE 516km | 576km

RATING

BENCHMARKING
How does your vehicle compare to comparable vehicles?



CHECKS

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

SCAN FOR DETAILS

EVALUATION

GOOD 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 good condition.

The drive battery is therefore officially AVILOO Certified.

Dr. Marcus Berger, CEO

CARA Approved Battery Health Check

BATTERY IS TESTED AND CERTIFIED BY AVILOO
AVILOO CERTIFIED

ENERGY

	Gross	Net (Nominal)	Usable
Current:	94.1kWh	89.6kWh	85.2kWh
New:	105.0kWh	100.0kWh	95.0kWh

RANGE

	WLTP	Typical
Current:	491-516km	376km
New:	548-576km	419km

EXECUTION PROTOCOL

AVILOO Box connected. **12:53:34**

- FLASH Test started. ✓
- Starting data acquisition. ✓
- Vehicle detected. ✓
- Finished data acquisition. ✓

SENSORS

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

BMS

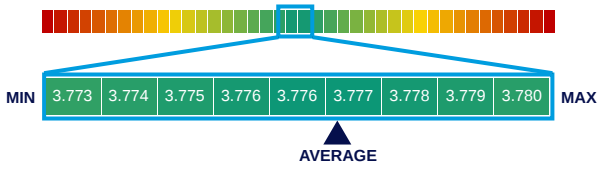
	Value	Status
BMS State of Charge (SoC)*:	50%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	87%	
SoH calculation accuracy:		✓

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	30.4°C	32.1°C	1.8°C	✓
Cell Voltage	3.773V	3.780V	7mV	✓
Pack Voltage	362.6V			
Average Current	-1.3A			

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	3.778	3.778	3.780	3.780	3.780	3.778	3.778	3.778	3.778	3.778	3.778	3.778	3.774	3.773	3.773	3.773	3.773	3.773	3.780	3.780
21 - 40	3.780	3.780	3.780	3.780	3.778	3.778	3.777	3.778	3.777	3.777	3.777	3.778	3.777	3.777	3.777	3.777	3.780	3.780	3.778	3.778
41 - 60	3.780	3.778	3.777	3.777	3.777	3.777	3.777	3.776	3.777	3.777	3.777	3.777	3.777	3.777	3.777	3.777	3.777	3.777	3.777	3.776
61 - 80	3.776	3.777	3.777	3.776	3.777	3.776	3.775	3.776	3.775	3.776	3.775	3.775	3.775	3.775	3.775	3.775	3.775	3.773	3.778	3.778
81 - 96	3.778	3.778	3.778	3.777	3.776	3.776	3.776	3.776	3.776	3.777	3.778	3.780	3.778	3.778	3.778	3.778				



MESSAGES

It is not possible to determine the exact battery type with 100% certainty based on the data received from the car. Please check that the identified vehicle type matches the vehicles registration documents. If not, please contact AVILOO Customer Management and provide them with the registration documents.

*The values shown here were not calculated by AVILOO but correspond to the values read out from the battery management system (BMS) and were calculated by the manufacturer. AVILOO therefore assumes no liability for their accuracy.

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 AVILOOs 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 Managament 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.

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