

Battery Evaluation Report

Model S

Capacity

90.3%



Degradation

9.7%



Mileage

116'936 km

Model

Model S

VIN



Evaluation date

Jul 20, 2026

Battery health is in excellent condition. At 116,936 km, this Model S retains 90.3% of its nominal capacity (degradation 9.7%), which is below the typical range for this mileage.

Measured values

Measured full-pack capacity (Nominal full pack)	66.10 kWh
DC counter (DC Charge total)	9,610.00 kWh
AC counter (AC Charge total)	17,845.00 kWh
Total energy charged (CHG)	32,956.00 kWh
Total energy discharged (DCHG)	30,334.00 kWh
Total energy recuperated (Regen)	5,500.00 kWh
Cell voltage imbalance	4.0 mV

Battery metrics

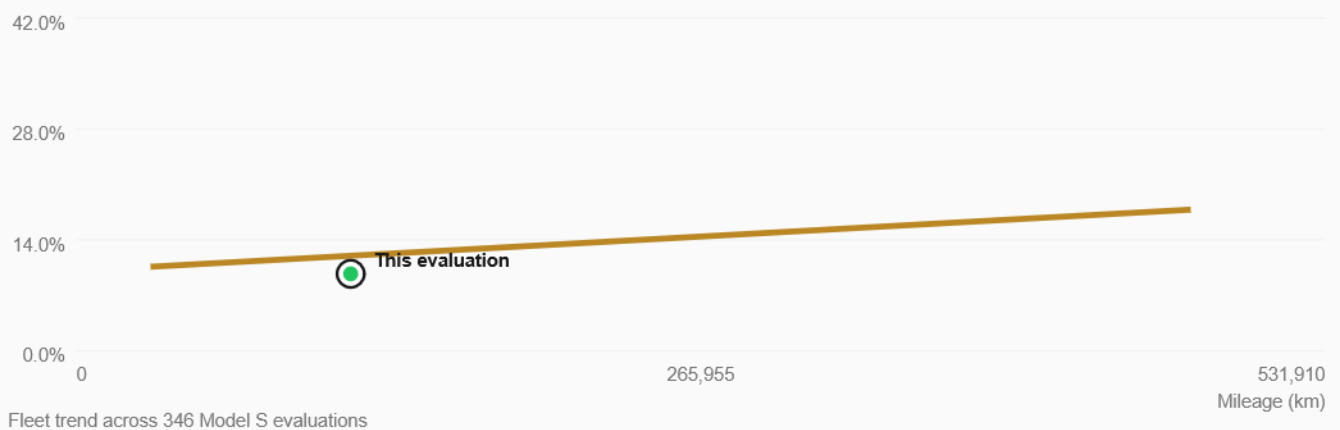
Nominal energy (current)	90.30 %
Degradation	9.70 %
Capacity loss	7.10 kWh
Theoretical energy loss	2,622.00 kWh
Charge cycles	474.8
Discharge cycles	437.1

Fossil-fuel energy equivalent

Energy supplied	32,956.00 kWh
Petrol equivalent of energy supplied	3,877.18 L
Petrol equivalent of energy consumed	3,568.71 L
Petrol equivalent of energy lost	308.47 L
Petrol equivalent of regenerated energy	647.06 L
Petrol that would be consumed by a combustion engine at 35% efficiency	10,196.30 L
Theoretical petrol saved by driving electric	6,319.13 L

Derivation: the figures above were computed with a simplified formula from the vehicle data we evaluated. All values are intended only as an approximate illustration.

Comparison with similar vehicles



Evaluation performed by Gary Meier

This evaluation is provided solely to illustrate the current battery condition. Whether a malfunction or above-average wear of the battery system is acknowledged and remediated under the manufacturer's warranty is at the sole discretion of the specific vehicle manufacturer.