

Battery certificate

Date of diagnosis : 24/09/2026

Updated edition available on
<https://certificate.get-moba.com/certificates/cd1786c83df.pdf>



Kia Optima ⁽¹⁾

VIN : KNAGV81FBL5041795

Mileage : 167,571 km

⁽¹⁾ According to the statement of the person who carried out the diagnosis

Battery status



State of Health (SOH) ⁽²⁾

Remaining usable capacity / Usable capacity when new ⁽³⁾

7.39 kWh / 7.8 kWh

⁽²⁾ SOH generated from vehicle own data, as considered for the manufacturer's warranty.

⁽³⁾ Useful capacity is the battery's actual available capacity. It may differ from the capacity communicated by the manufacturer.

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 65%, for 7 years or 150,000 km.

Range ⁽⁴⁾

☀ Summer (25°C)

❄ Winter (0°C)

📍 Urban use

53 - 59 km

40 - 44 km

📍 Highway use

39 - 43 km

34 - 38 km

📍 Mixed use

48 - 54 km

36 - 40 km

⁽⁴⁾ In 100% electric mode. Ranges calculated using the Moba consumption model, based on WLTP cycles.



High voltage battery

Pack voltage	332.16 V
Maximum cell voltage difference	0 mV
Highest cell voltage	3.460 V
Lowest cell voltage	3.460 V

Range	
WLTP when new in mixed cycle	54 km
Used WLTP in mixed cycle	48 - 54 km

Diagnostic conditions

Diagnostic location	Sigtuna kommun, Sweden
Outside temperature (outside temperature may differ from the ambient temperature of the vehicle during diagnosis)	15°C
Diagnostic duration	00:00:20