

Kia Niro (DE PHEV) 2017-2023 Health Evaluation Report

Información vehículo

2017-2023/Kia/Niro (DE PHEV)

VIN: [oculto]

Battery power: 8.9kWh

Kilometraje: 73230.0km

Matrícula: --

Código batería: --

Información cliente

Nombre: --

Tel.: --

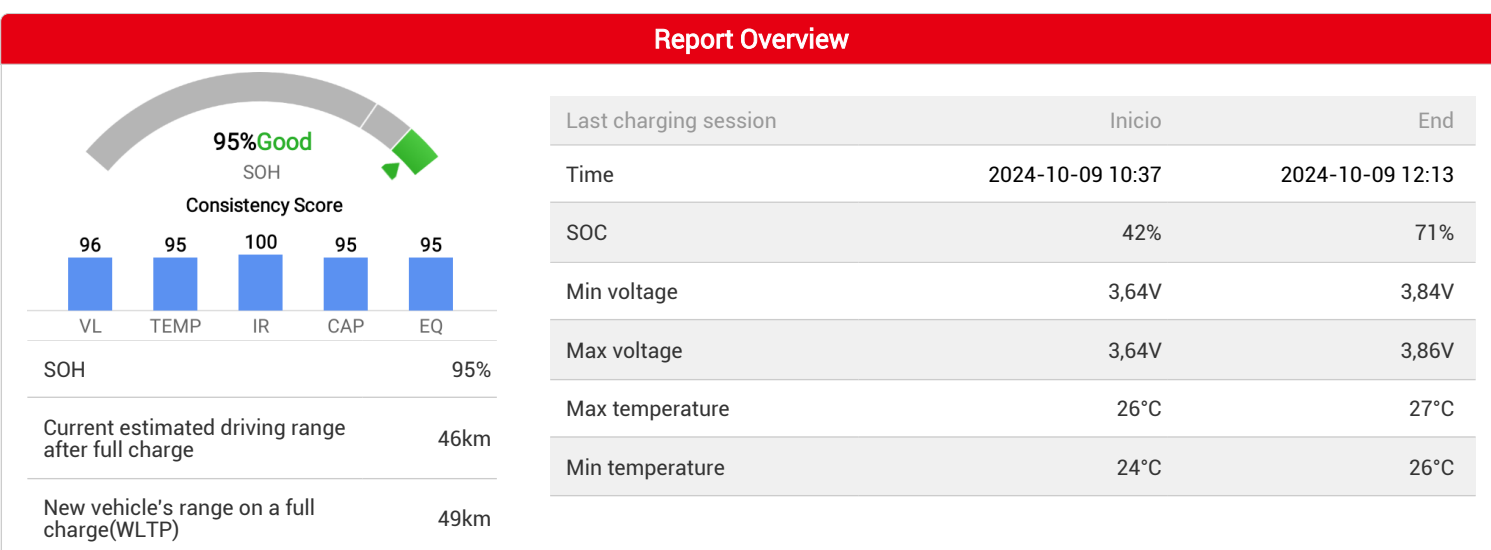
Información del dispositivo

Herramienta: MaxiSys MS909&EV

Versión: 3.65

Número de serie: [oculto]

Estado batería



* SOH: The State of Health (SOH) is the battery capacity relative to a new battery. Maximum SOH = current capacity of the fully charged vehicle/nominal capacity of the new vehicle. Lower SOH will result in a shorter range after a full charge of the vehicle. It is generally believed that when the maximum SOH is less than 80%, lithium batteries are not suitable for vehicle use.

* **WLTP:** The range on a full charge is the estimated range that a vehicle can travel after a full charge. Weather, road conditions, driving habits and other factors can have a large impact on the range. The range on a full charge is measured in accordance with the Worldwide Harmonised Light Vehicle Test Procedure (WLTP) to ensure that the data can be used as a reference.

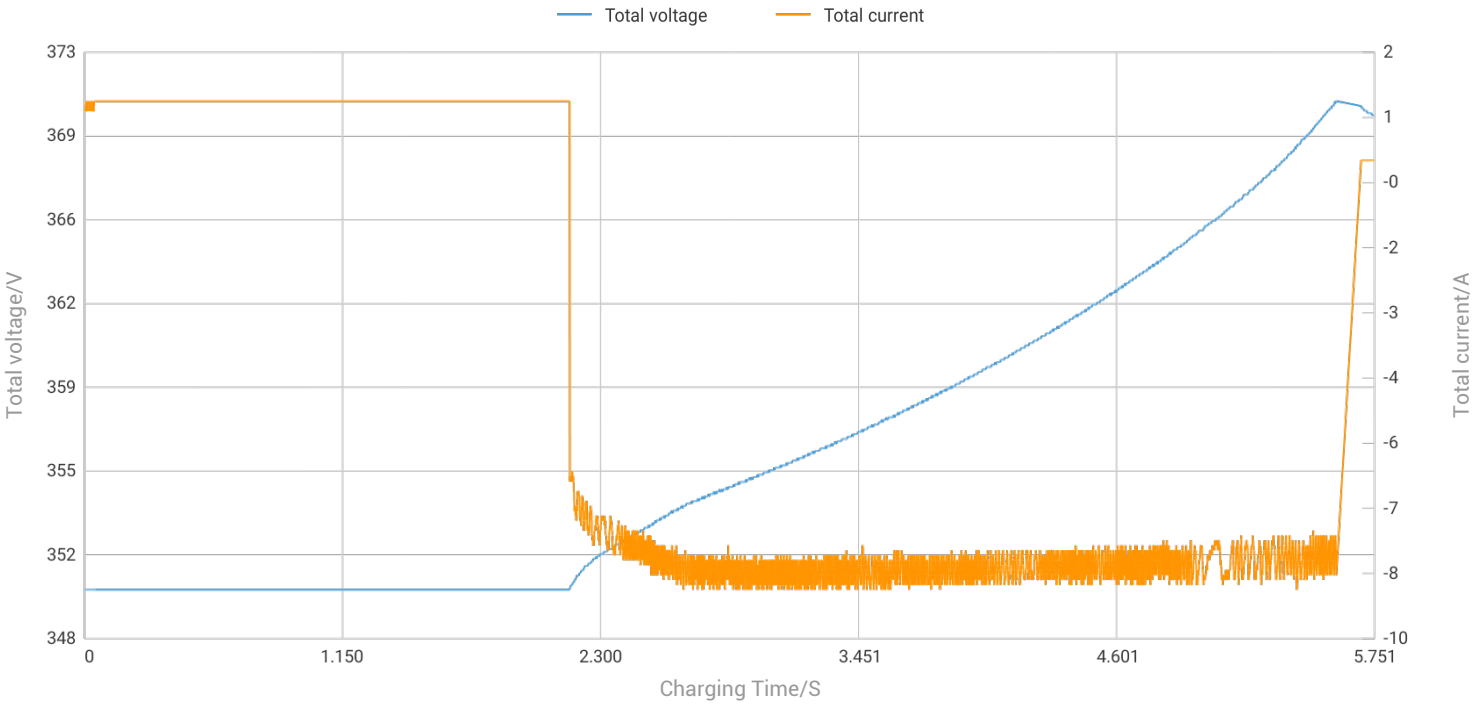
* **Consistency Score:** The consistency of power battery mainly reflects the degree of difference in characteristics among the cells and the degree of difference in temperature variation of the battery pack during the evaluation process, and the evaluation result affects the performance, stability and battery life of the power battery system. A score within [80-100] indicates excellent consistency, and it is recommended to keep it up; a score within [60-80] indicates good consistency, and regular battery maintenance is recommended; a score within [0-60] indicates poor consistency, and further battery module check and repair such as battery balancing is recommended.

Report Details

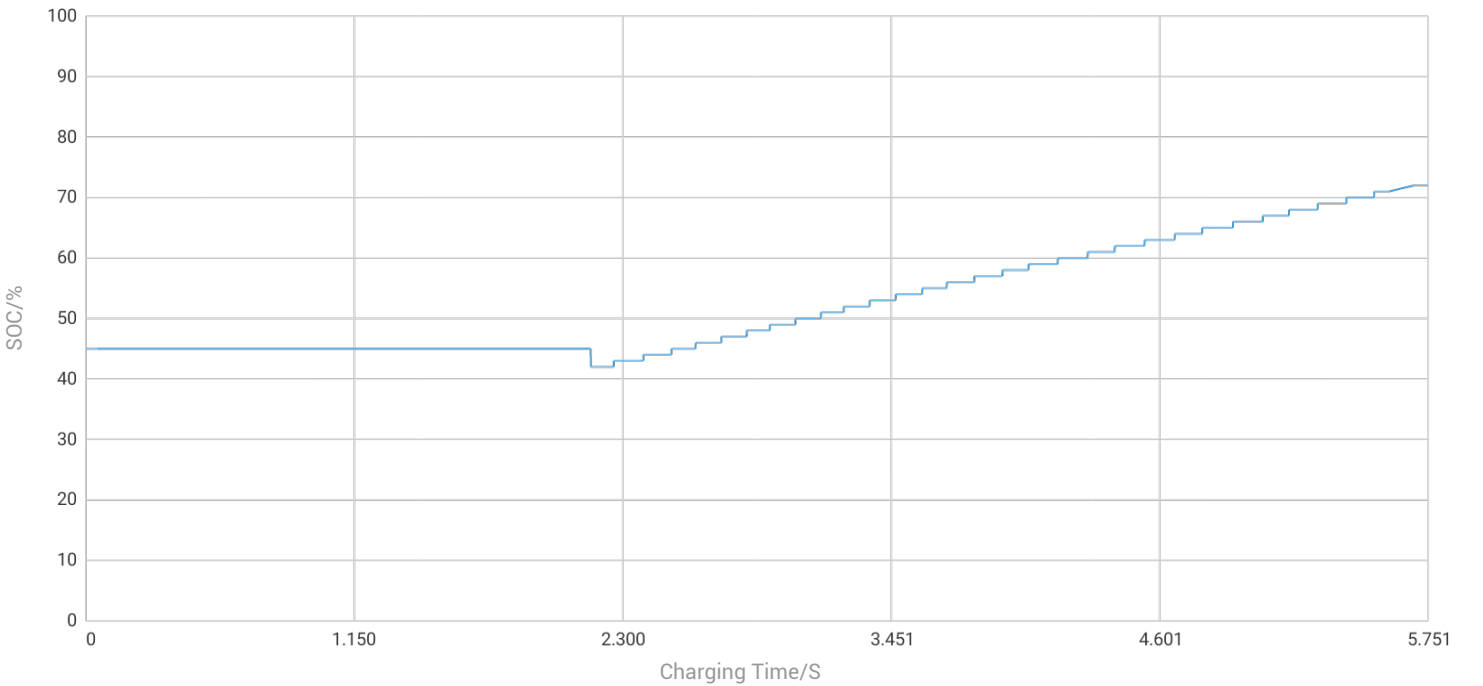
VIN	[oculto]
Odometer	73230.0km
Charge start time	2024-10-09 10:37

Charge end time	2024-10-09 12:13
Voltage consistency score (VL)	96
Temperature consistency score (TEMP)	95
Resistance consistency score (IR)	100
Capacity consistency score (CAP)	95
Energy consistency score (EQ)	95
Max charge temperature	27°C
Min charge temperature	24°C
Average charge temperature	25°C
Max temperature delta	2°C
Max temperature rise	2,1°C
Max voltage delta	20mV
Max voltage rise	41mV/min
Battery SOH	95%
Battery capacity available	24Ah
Battery charged capacity	8Ah
Battery SOC at evaluation start	42%
Battery SOC at evaluation end	71%
Min cell voltage at evaluation start	3,64V
Max cell voltage at evaluation start	3,64V
Min cell voltage at evaluation end	3,84V
Max cell voltage at evaluation end	3,86V
Average charge current	8A
Max charge current	9A

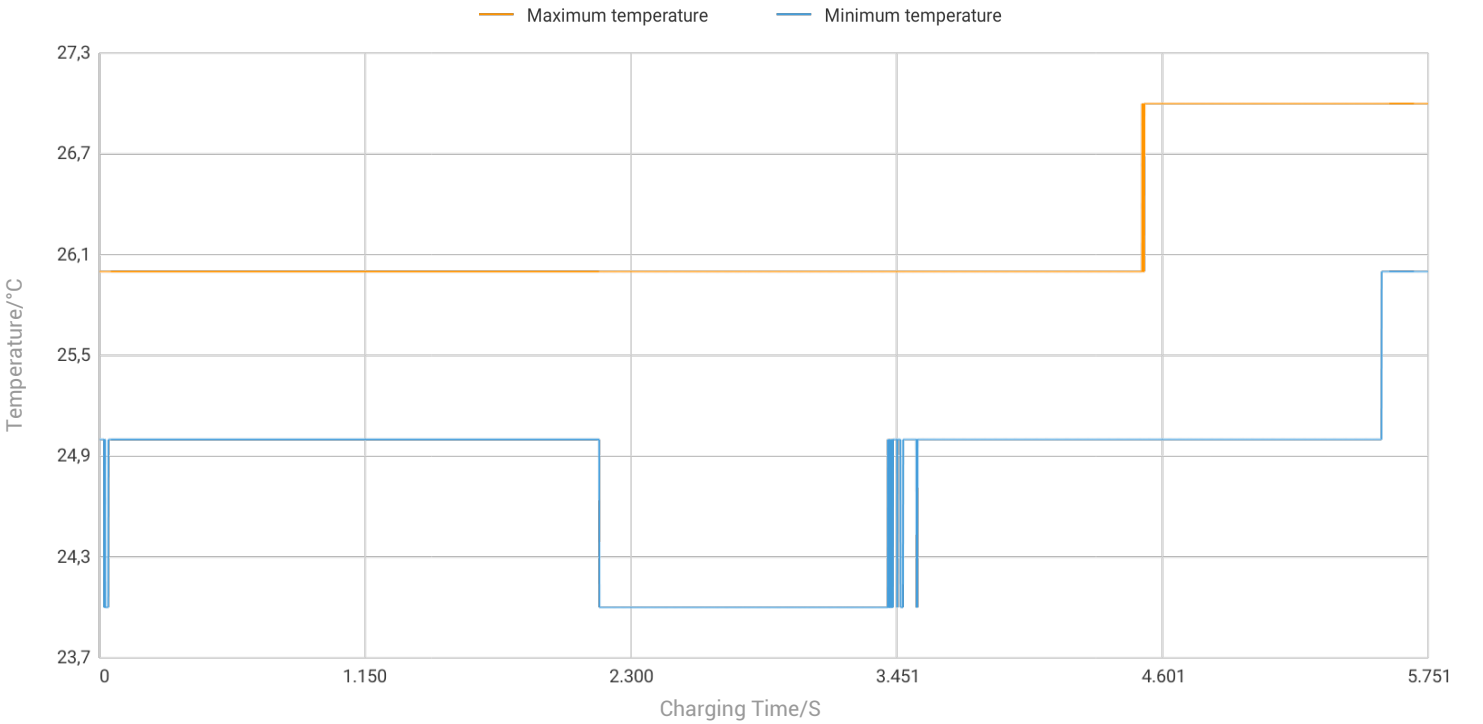
Change Curves of Total Voltage and Total Current During Charging



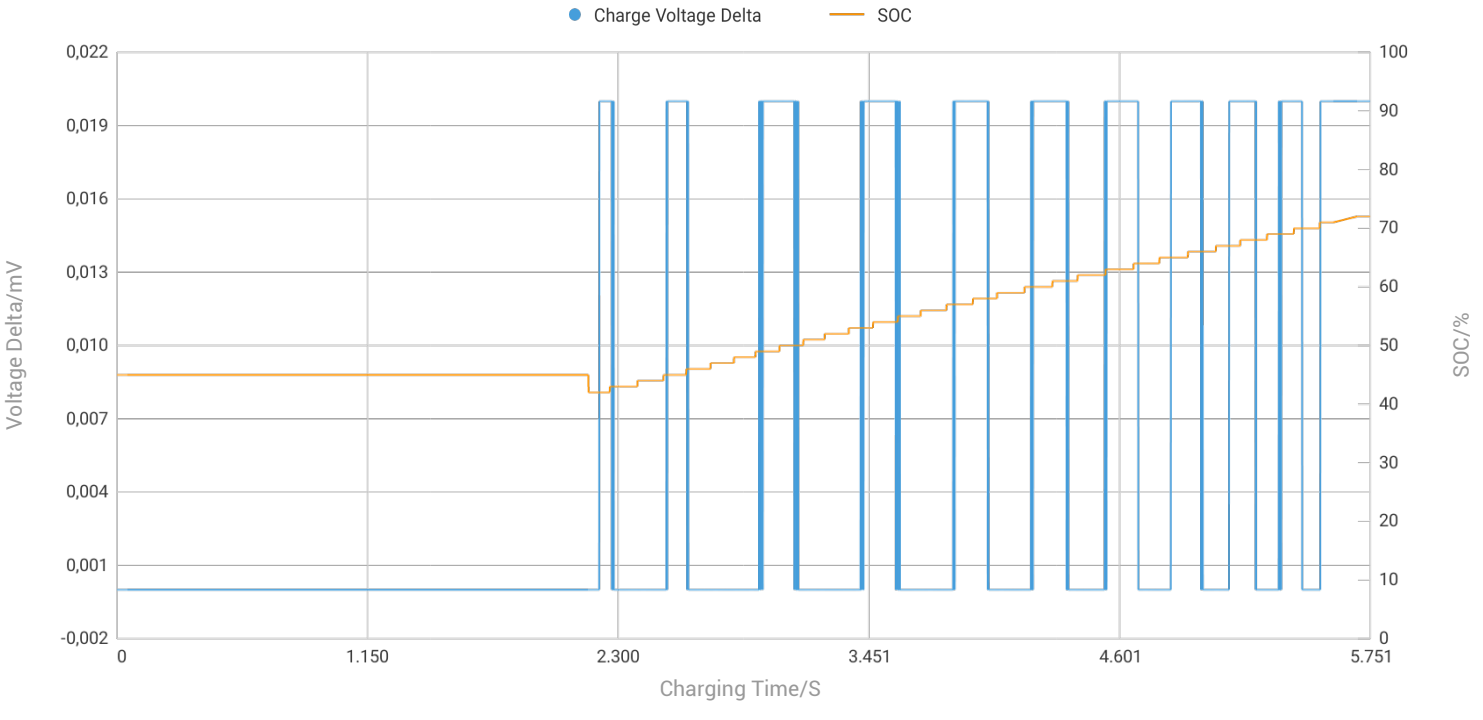
SOC Change Curve During Charging



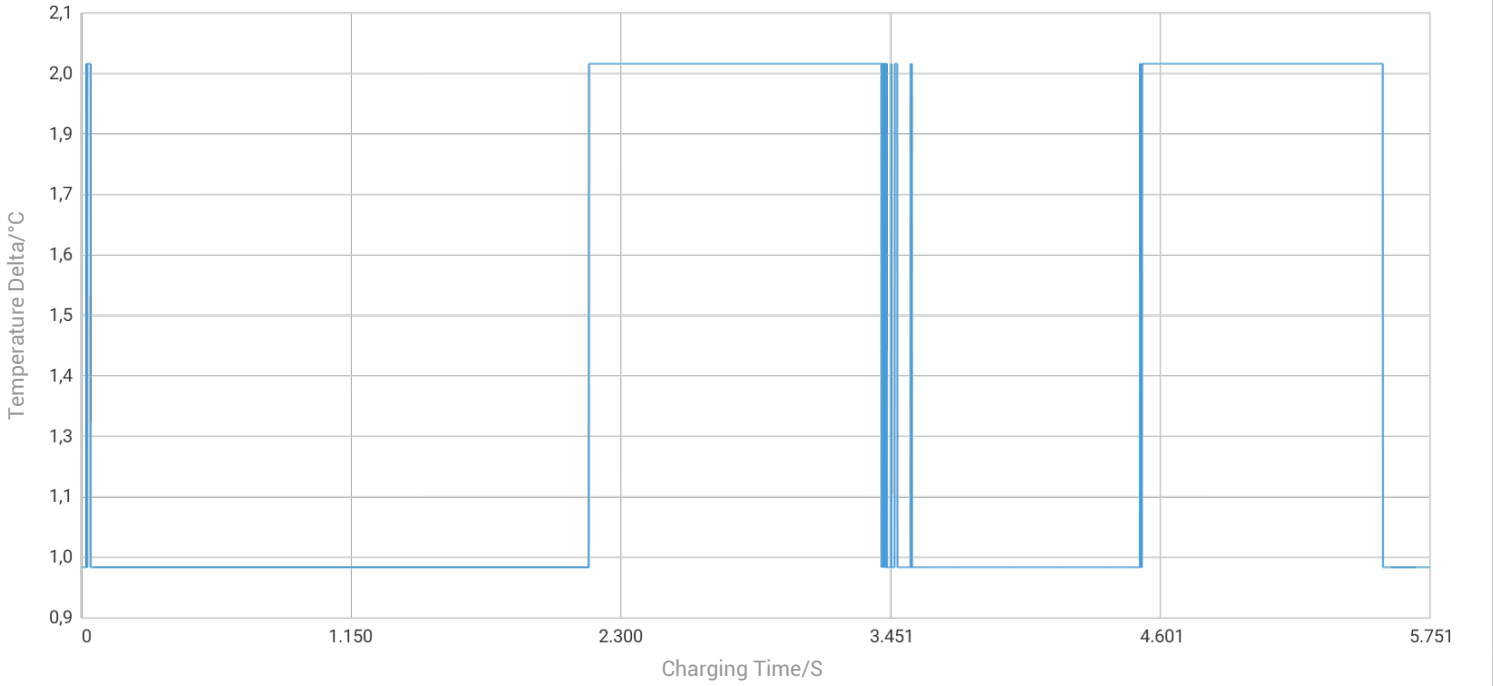
Change Curves of Min. and Max. Temperatures During Charging



Change Curves of SOC and Voltage Delta During Charging



Temperature Delta Change Curve During Charging



Nombre del cliente: _____

Técnico: _____

Fecha: _____

Nota: guarde una copia de este informe en el historial.

Descargo de responsabilidad: este informe es sólo para la referencia de la inspección y reparación del vehículo. Autel no se hace responsable de los daños incidentales o consecuentes derivados del uso, mal uso o montaje incorrecto de la herramienta.