Battery Status Report

SOH Blitz Test

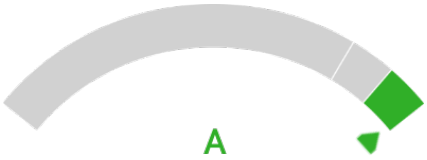
Vehicle Information

2022/BMW/iX xDrive40(I'I20)/0014
Odometer Reading: 78498km
VIN: WBY11CF040CK19602
Rated Voltage: 330.3 V
Rated Capacity: 232 Ah

Test Time: 2026-08-10 09:42:03
Testing Organization:
Customer: select car
S/N: DR8GS9V03301
Version: V11.01

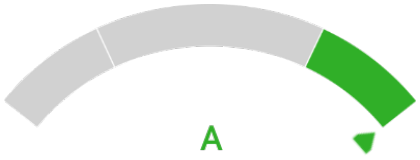
Battery Status

Pack Information



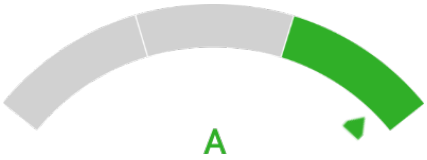
Battery Health Status

SOH*:	99 %
SOC:	26 %



Static Temperature Consistency

Battery Temperature:	28.2 °C
Max Temperature Delta:	0.6 °C



Static Voltage Consistency

Battery Voltage:	319.92 V
Max Voltage Delta:	9 mV

Energy 75.8 kWh | 76.6 kWh



New vehicle's range on a full charge (WLTP) 420.8 km | 425 km

*: Based on the BMS data or related data of the vehicle manufacturer. Autel provides no guarantee regarding the actual SOH or physical condition of the battery.

Battery DTCs

No fault codes detected

Test Parameters

Module Voltage Information

Maximum Module Voltage:	**31.97 V**	Minimum Module Voltage:	**31.92 V**
Average Module Voltage:	**31.94 V**	Module Voltage Delta:	**0.04 V**
Standard Module Voltage Delta:	**0.02 V**		
Maximum Cell Voltage:	**3.553 V**	Minimum Cell Voltage:	**3.544 V**
Average Cell Voltage:	**3.549 V**	Cell Voltage Delta:	**9 mV**
Standard Cell Voltage Delta:	**2 mV**		

Low High Warning Not OK

Module		Cell							
		1	2	3	4	5	6	7	8
M1 (#1-#9)	31.96 V	3.55 V	3.552 V	3.55 V	3.551 V	3.551 V	3.55 V	3.552 V	3.552 V
		3.552 V							
M2 (#10-#18)	31.96 V	3.55 V	3.55 V	3.549 V	3.551 V	3.552 V	3.552 V	3.551 V	3.551 V
		3.551 V							
M3 (#19-#27)	31.96 V	3.549 V	3.551 V	3.552 V	3.552 V	3.552 V	3.55 V	3.552 V	3.55 V
		3.551 V							
M4 (#28-#36)	31.94 V	3.551 V	3.548 V	3.548 V	3.549 V	3.55 V	3.547 V	3.548 V	3.551 V
		3.549 V							
M5 (#37-#45)	31.93 V	3.548 V	3.549 V	3.547 V	3.549 V	3.547 V	3.546 V	3.548 V	3.547 V
		3.549 V							
M6 (#46-#54)	31.97 V	3.553 V	3.552 V	3.55 V	3.551 V	3.553 V	3.552 V	3.551 V	3.551 V
		3.553 V							
M7 (#55-#63)	31.92 V	3.547 V	3.548 V	3.547 V	3.547 V	3.545 V	3.546 V	3.547 V	3.548 V
		3.547 V							
M8 (#64-#72)	31.95 V	3.55 V	3.551 V	3.549 V	3.549 V	3.551 V	3.548 V	3.552 V	3.55 V
		3.549 V							

M9 (#73-#81)	31.92 V	3.548 V	3.548 V	3.546 V	3.546 V	3.548 V	3.546 V	3.544 V	3.547 V
		3.548 V							
M10 (#82-#90)	31.94 V	3.548 V	3.55 V	3.549 V	3.549 V	3.548 V	3.55 V	3.547 V	3.549 V
		3.553 V							

Module Temperature Information

Max Temperature: **28.2 °C**

Min Temperature: **27.6 °C**

Average Temperature: **27.9 °C**

Low High Warning Not OK

	1	2	3	4	5	6	7	8
M1 (T1-T2)	27.8 °C	28.1 °C						
M2 (T3-T4)	27.7 °C	27.8 °C						
M3 (T5-T6)	27.7 °C	27.9 °C						
M4 (T7-T8)	27.9 °C	27.9 °C						
M5 (T9-T10)	27.9 °C	28.2 °C						
M6 (T11-T12)	27.6 °C	27.9 °C						
M7 (T13-T14)	27.9 °C	28 °C						
M8 (T15-T16)	27.9 °C	27.9 °C						
M9 (T17-T18)	28.1 °C	28.1 °C						
M10 (T19-T20)	27.9 °C	27.9 °C						

Testing Organization: _____

Address: _____

Tel: _____

Email: _____

Technician: _____

Date: _____

Note: Please save a copy of this report for your records.

Disclaimer:
1. All data presented in this report are sourced from the original BMS data of the vehicle manufacturer or related derivative data. Due to factors such as delayed data updates or transmission latency, the report data may differ from the actual condition of the battery.
2. The results generated by this feature and its corresponding analysis strategy are for reference only. Autel makes no warranties regarding the authenticity, accuracy, or completeness of the data, and provides no guarantee, whether express or implied, regarding the actual SOH or physical health status of the battery. By using this feature, you are deemed to have agreed to and accept all terms of this disclaimer.
3. This report provides a reference for vehicle inspection and maintenance only. Autel is not liable for any accident, property damage, or personal injury resulting from the use of this information.