

Battery Health Check

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Assessment ID
1FA2EED7

Test date: 10/09/2026 [11:20]

Tested by: Invicta Crawley

Vehicle information

Make	BMW	Registration	LP23PVJ
Model	X2 XDRIVE25E M SPORT	First registered	23/06/2023
VIN	WBAYN920405X14607	Mileage	18,847

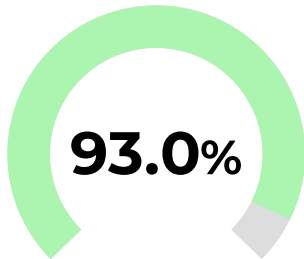
Battery health

Battery capacity 8.8 kWh | 10.0 kWh

Capacity when new (usable | nominal).

State of health

Percentage of original capacity currently available.



Cell voltage difference 175 mV

Measures how evenly the battery's cells are balanced.

Real range

This is the estimated real-world driving range this vehicle is expected to achieve under different conditions, based on its battery health. It is calculated using Generational's own model, derived from real-world driving data.

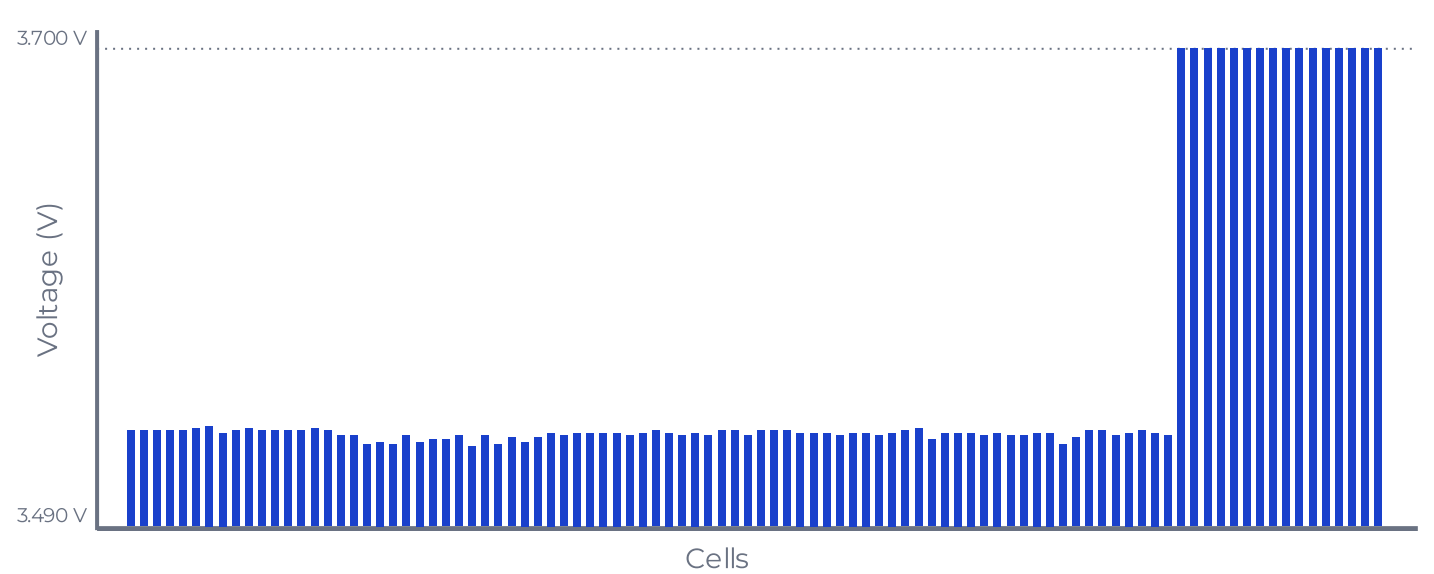
	Urban driving	Mixed driving	Motorway driving
Summer	28 miles	21 miles	18 miles
Winter	20 miles	17 miles	14 miles



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Cell voltage balance



Voltage difference between cells		Battery pack data	
Min voltage:	3.525 V	Cell group count	96
Max voltage:	3.700 V	State of charge*	2%
0 mV175 mV100 mV		Pack temperature*	16.0°C
		Pack current*	1.7 A
		*As measured at time of test	

If the cell voltages are unbalanced, charge the vehicle to full, wait for a minimum of 2 hours and then retest.

About Generational

Generational is an EV battery diagnostics and analytics company headquartered in London.

Our mission is to provide transparency on battery condition and to support the transition to EVs. Generational is backed by the UK government's net zero automotive fund, through the Advanced Propulsion Centre.

Registered in England with Company No. 12677491

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