Technical data

Vehicle

Version	Ford Ranger IV Plug-in Hybrid
Vehicle Identification Number (VIN)	6FPP2HMJ6PTY49020
Mileage	6,315 km

Diagnostic conditions

Date of diagnosis	19/09/2026 09:14 UTC
Company	www.batterychecked.ie
Site	www.batterychecked.ie
Operator	2851
Duration of the diagnosis	00:00:43
State of Charge (SOC) measured during diagnosis	16%

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 70%, for 8 years or 160,000 km.

Range

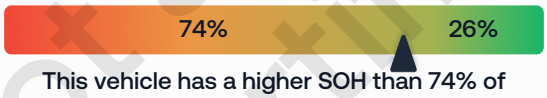
WLTP when new in mixed cycle	43 km
Used WLTP in mixed cycle	39 - 43 km

Battery

State of Health (SOH) 96.5%

SOH generated from the vehicle's own data, as considered for the manufacturer's warranty. This SOH is not tested independently from the manufacturer.

Comparison of SOH with vehicles of similar age and mileage



This vehicle has a higher SOH than 74% of similar vehicles

Battery Identification Number (BIN)	H388E25220020254
New usable capacity	11 kWh

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

Remaining usable capacity	10.62 kWh

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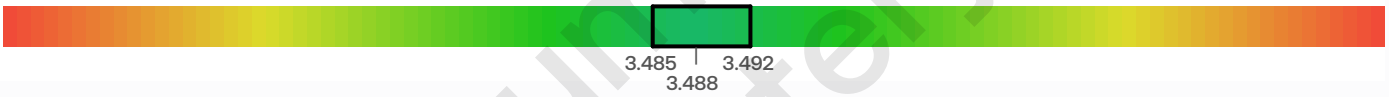
Voltages

Pack voltage	334.64 V
Maximum cell voltage difference	7 mV
Cell with the highest voltage - voltage	Cell No. 87 - 3.492 V
Cell with the lowest voltage - voltage	Cell No. 44 - 3.485 V

	1	2	3	4	5	6	7	8	9	10
1 - 10	3.489	3.486	3.487	3.489	3.488	3.486	3.487	3.486	3.487	3.489
11 - 20	3.488	3.488	3.488	3.488	3.487	3.487	3.488	3.486	3.488	3.487
21 - 30	3.487	3.488	3.487	3.487	3.489	3.486	3.486	3.490	3.487	3.488
31 - 40	3.489	3.486	3.488	3.488	3.488	3.486	3.487	3.487	3.488	3.486
41 - 50	3.489	3.489	3.487	3.485	3.488	3.487	3.488	3.485	3.487	3.486
51 - 60	3.486	3.486	3.488	3.485	3.489	3.487	3.489	3.488	3.489	3.488
61 - 70	3.487	3.487	3.488	3.487	3.488	3.487	3.489	3.489	3.490	3.489
71 - 80	3.489	3.488	3.488	3.489	3.490	3.488	3.487	3.488	3.487	3.489
81 - 90	3.490	3.489	3.488	3.488	3.489	3.489	3.492	3.488	3.489	3.492
91 - 96	3.492	3.489	3.492	3.490	3.492	3.488				



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