EV Comparison

Generated on 15 February 2026

Tesla	BMW
Model Y	**Dad's iX1**
78 kWh · 2024	65 kWh · 2024

Vehicle Info

	Tesla	BMW
Make	Tesla	BMW
Year	2024	2024
Purchase Price	£51,500	£52,250

Battery

	Tesla	BMW
Original Capacity	✓ 78 kWh	65 kWh
Age	2 years	2 years
Health	✓ Est. 95%	Est. 94%
Usable Capacity	✓ Est. 74 kWh	Est. 61 kWh

Full Charge Range

	Tesla	BMW
Rated WLTP Brand new, 100% battery health	✓ 331 mi	272 mi
Official Based on usable battery capacity	✓ 296 mi	202 mi
Real-World Based on your entered efficiency	✓ 265 mi	183 mi
Mild Winter 0-5°C / 32-40°F	✓ 225 mi	156 mi
Typical Winter -7-0°C / 20-32°F	✓ 198 mi	137 mi
Severe Winter <-7°C / <20°F	✓ 159 mi	110 mi

Efficiency

	Tesla	BMW
Official	✓ 250.0 Wh/mi	3.3 mi/kWh
Real-world	✓ 280.0 Wh/mi	3.0 mi/kWh
Heat Pump	Yes	Yes

£ Journey Cost · Ideal

Costs calculated for 200 mi

Home	✓ £3.92	£4.67
Work	✓ £25.20	£30.00
Public	✓ £36.40	£43.33
Per mi	✓ £0.020	£0.023
Battery needed	✓ 76% (56.0 kWh)	109% (66.7 kWh)

❄ Journey Cost · Mild Winter (0 to 5°C / 32 to 40°F)

Costs calculated for 200 mi

Home	✓ £4.61	£5.49
Work	✓ £29.65	£35.29
Public	✓ £42.82	£50.98
Per mi	✓ £0.023	£0.027
Battery needed	✓ 89% (65.9 kWh)	128% (78.4 kWh)

❄ Journey Cost · Typical Winter (-7 to 0°C / 20 to 32°F)

Costs calculated for 200 mi

Home	✓ £5.23	£6.22
Work	✓ £33.60	£40.00
Public	✓ £48.53	£57.78
Per mi	✓ £0.026	£0.031
Battery needed	✓ 101% (74.7 kWh)	145% (88.9 kWh)

❄ Journey Cost · Severe Winter (<-7°C / <20°F)

Costs calculated for 200 mi

Home	✓ £6.53	£7.78
Work	✓ £42.00	£50.00
Public	✓ £60.67	£72.22
Per mi	✓ £0.033	£0.039
Battery needed	✓ 126% (93.3 kWh)	182% (111.1 kWh)

⚡ Charging Speeds

AC Speed	7 kW	7 kW
10-80% (AC)	Est. 7h 47min	✓ Est. 6h 30min
DC Speed	✓ 250 kW	130 kW
10-80% (DC)	✓ Est. 17 min	Est. 28 min

Rates Used

Rates: Home £0.07 · Work £0.45 · Public £0.65 /kWh

Notes

Tesla Model Y
Long range, real-wheel drive. Best selling EV in the UK

BMW Dad's iX1
Premium compact SUV. All wheel drive as standard.

Sources:
Battery Health: Geotab • Recurrent Auto
Winter Efficiency: DOE/NREL • AAA • Recurrent • Autocar UK