# Specifications.
# BMW iX3.

| | | BMW iX3 |
|---|---|---|
| **Vehicle category** | | |
| Drive type / body style | | Battery electric vehicle (BEV) / Sports Activity Vehicle (SAV) |
| **Body** | | |
| No of doors/seats | | 5 / 5 |
| Length/width/height (unladen) | mm | 4734 / 1891 / 1668 |
| Wheelbase | mm | 2864 |
| Turning circle | m | 12.1 |
| Weight, unladen (DIN/EU) | kg | 2185 / 2260 |
| Weight distribution (unladen), front/rear | % / % | 43 / 57 |
| Max load to DIN | kg | 540 |
| Max permissible weight | kg | 2725 |
| Max axle load, front/rear | kg | 1220 / 1650 |
| Max trailer load, braked (12%)/unbraked | kg | 750 / 750 |
| Max roofload/max towbar download | kg | 100 / 75 |
| Luggage comp capacity | l | 510 – 1560 |
| Air resistance | $c_d$ x A | 0.29 x 2.68 |
| **Electric Motor** | | |
| Motor technology | | Fifth-generation BMW eDrive technology: current-excited synchronous electric motor, power electronics and single-speed transmission sharing the same housing, generator function for recuperating energy |
| Max output | kW/hp | 210 / 286 |
| at | rpm | 6000 |
| Continuous output | kW/hp | 80 / 109 |
| Max torque | Nm | 400 |
| Max rev speed | rpm | 17,000 |
| **High-voltage Battery** | | |
| Storage technology | | Lithium-ion |
| Installation | | Underfloor |
| Voltage | V | 400 |
| Battery capacity | Ah | 232 |
| Energy capacity, gross | kWh | 80.0 |
| Energy capacity, net | kWh | 74.0 |
| Charging time for 100% charge | | 7.5 h at 11 kW (16 A / 230 V, three-phase AC, Wallbox) |
| Charging time for 80% charge | | 34 min at 150 kW (DC, fast-charging station) |
| **Charging unit** | | |
| Type | | Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12 V electrical system |
| Max charging rate alternating current (AC), single-phase | kW | 7.4 |
| Max charging rate alternating current (AC), three-phase | kW | 11.0 |
| Max charging rate direct current (DC) | kW | 150 |

| | | | **BMW iX3** |
|---|---|---|---|
| **Driving Dynamics and Safety** | | | |
| Suspension, front | | | Double-joint spring strut axle in aluminium construction |
| Suspension, rear | | | Five-link axle in lightweight steel construction |
| Brakes, front | | | Vented disc brakes, with single-piston floating callipers |
| Brakes, rear | | | Vented disc brakes, with single-piston floating callipers |
| Driving stability systems | | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), ARB (near-actuator wheel slip limitation) technology, CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, HDC (Hill Descent Control), trailer stability control, Performance Control, adaptive suspension |
| Safety equipment | | | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator |
| Steering | | | Electric Power Steering (EPS) with Servotronic function |
| Steering ratio, overall | | :1 | 16.8 |
| Tyres, front/rear | | | 245/50 R19 105W XL |
| Rims, front/rear | | | 7.5J x 19 aluminium |
| **Transmission** | | | |
| Type of transmission | | | Automatic transmission, single-speed with fixed ratio |
| Ratio | | :1 | 11.115 |
| Final drive | | :1 | 1.0 |
| **Performance** | | | |
| Power-to-weight ratio (DIN, based on max output) | | kg/kW | 10.4 |
| Acceleration | 0–100 km/h | s | 6.8 |
| Acceleration | 0-60 km/h | s | 3.7 |
| Acceleration | 80-120 km/h | s | 4.1 |
| Top speed | | km/h | 180 (electronically limited) |
| **Off-road characteristics** | | | |
| Angle of approach/departure | | ° | 23.1 / 20.9 |
| Breakover angle | | ° | 14.8 |
| Fording depth (at 7 km/h) | | mm | 500 |
| **Electric power consumption / range in WLTP test cycle** | | | |
| Electric power consumption combined | | kWh/100 km | 19.0 – 18.6 |
| Range | | km | 450 – 459 |
| **Electric power consumption / range in NEDC test cycle** | | | |
| Electric power consumption combined | | kWh/100 km | 17.8 – 17.5 |
| Range | | km | 510 – 520 |
| **Environmental characteristics** | | | |
| Emissions rating | | | Electric vehicle |
| Advantage versus Combustion Engine in Carbon Life Cycle Assessment when charging with green power in the use phase | | | > 60 % |
| Advantage versus Combustion Engine in Carbon Life Cycle Assessment when charging with EU28 power mix in the use phase | | | > 30% |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

The fuel consumption, $CO_2$ emissions, electric power consumption and operating range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on $CO_2$ emissions, the $CO_2$ values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific $CO_2$ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die $CO_2$-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, $CO_2$ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at https://www.dat.de/co2/.

# Exterior and interior dimensions.
## BMW iX3.