

Technical specifications.

BMW i8.



BMW i8			
Body			
No. of doors/seats			2 / 4
Length/width/height (unladen)	mm		4689 / 1942 / 1293
Wheelbase	mm		2800
Weight, unladen (DIN)	kg		< 1490
Air resistance	C _d		0.26
Drive system			
Technology	BMW TwinPower Turbo technology: turbocharger, High Precision Direct Petrol Injection, VALVETRONIC fully variable valve control		
combustion engine			
Config/No of cyls/valves			In-line / 3 / 4
Capacity, effective	cm ³		1499
Output	kW/hp		170 / 231
Torque	Nm		320
Technology electric motor	BMW eDrive technology: hybrid synchronous motor with power electronics, integrated charging module and generator mode for recuperation		
Output	kW/hp		96 / 131
Torque	Nm		250
Total system output	kW/hp		266 / 362
Torque	Nm		570
High-voltage battery			
Storage technology	Lithium-ion		
Driving dynamics			
Drive concept	Hybrid-specific all-wheel drive, combustion engine driving the rear wheels, electric motor driving the front wheels		
Tyres front/rear			195/50 R20 / 215/45 R20
Rims front/rear			7J x 20 light-alloy / 7.5J x 20 light-alloy
Transmission			
Type of transmission	6-speed automatic		
combustion engine			
Type of transmission	Automatic, two-stage		
electric motor			
Performance			
Acceleration	0–100 km/h	s	4.4
	80–120 km/h	s	4.5
Top speed	km/h		250
Top speed electric	km/h		120
Range electric	km		approx 35
Consumption in EU cycle			
Combined	ltr/100 km		2.5
CO ₂	g/km		59

Technical data are provisional.