

# Technical specifications.

## BMW i8.



2014

BMW i8

### Body

No. of doors/seats		2 / 4
Length/width/height (unladen)	Mm (in)	4689 (184.6) / 1942 (76.5) / 1293 (51)
Wheelbase	Mm (in)	2800 (110.2)
Weight, unladen (DIN)	Kg (lb)	< 1490 (3285 lb)
Air resistance	C <sub>d</sub>	0.26

### Drive system

Technology combustion engine		BMW TwinPower Turbo technology: turbocharger, High Precision Direct Gasoline Injection, VALVETRONIC fully variable valve control
Config/No of cyls/valves		In-line / 3 / 4
Capacity, effective	cm <sup>3</sup>	1499
Output	kW/hp	170 / 231
Torque	Nm (lb-ft)	320 (236)
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 (lb-ft)	250 (184 lb-ft)
Total system output	kW/hp	266 / 362
Torque	Nm (lb-ft)	570 (420)

### High-voltage battery

Storage technology		Lithium-ion
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### Driving dynamics

Drive concept		Hybrid-specific all-wheel drive, combustion engine driving the rear wheels, electric motor driving the front wheels
Tires front/rear		195/50 R20 / 215/45 R20
Wheels front/rear		7J x 20 light-alloy / 7.5J x 20 light-alloy

### Transmission

Type of transmission combustion engine		6-speed automatic
Type of transmission electric motor		Automatic, two-stage

### Performance

Acceleration	0-100 km/h	s	4.4
	80-120 km/h	s	4.5
Top speed		km/h (mph)	250 (155)
Top speed electric		km/h (mph)	120 (75)
Range electric		Km (miles)	approx 35 (22)

### Consumption in EU cycle

Combined		ltr/100 km (mpg)	2.5 (94)
CO <sub>2</sub>		g/km	59

All Technical data are provisional and based on EU measures.

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