



BMW i8.

2017MY PRODUCT GUIDE.

MY17 BMW i8
Technical Specifications

		i8	
Engine type		B38K15T0	
Transmission type		automatic	
Seats	--	4	
Number of Doors	--	2	
drive type	--	AWD	
Veh. length	mm	4697	
Width	mm	1942	
Height	mm	1291	
Width inc. mirrors	mm	2218	
Wheelbase	mm	2800	
Overhang front	mm	960	
Rear overhang	mm	937	
Turning circle	m	12.3	
Ground clearance	mm	117	
Shoulder width front	mm	1440	
Shoulder room rear	mm	1260	
Elbow width front	mm	1522	
Elbowroom rear	mm	1308	
Front legroom	mm	1095	
Rear legroom	mm	717	
Max. headroom front	mm	983	
Maximum headroom rear	mm	824	
Knee clearance	mm	-113	
Luggage volume	m³	0.154	
Fuel tank capacity (approx.) series	liter	42	
Rear weight distribution	%	51.2	
Curb weight	lbs	3455	
Gross veh. Weight	lbs	4120	
Payload	lbs	620	
Front axle load limit	lbs	1975	
Rear axle load limit	lbs	2225	
Motor function	--	Parallel	
Engine type	--	B38K15T0	
Cylinders	--	3	
Valves p.cyl.	--	4	
Stroke	mm	94.6	
Bore	mm	82	
Displacement	cm³	1499	
Compression rate	:1	9.5	
Engine power	bHP	228	
at rpm	1/min	5800	
Engine torque	ft lbs	236	
at rpm	1/min	3700	
Fuel type	--	gasoline	
Useable Fuel quality	--	AKI 91 MIN	
recomm.	--	AKI 93	
Engine oil (filling quantity)	liter	5	
Motor function (1. E-engine)	--	front axle drive	
Engine (1. E-engine)	--	IB1P25B	
Engine Config (1. E-engine)	--	synchron	
Peak power acc. to ECE R 85 (1. E-engine)	kW	96	
highest output 30 min (1. E-engine)	kW	75	
range at 30min peak power (1. E-engine)	1/min	4800	
maximum hourly output (1. E-engine)	kW	75	
torque (1. E-engine)	Nm	250	
Motor function (2. E-engine)	--	Starting-generator with additional boost and recufunction	
Engine identification (2. E-engine)	--	EMP120 66	
Engine Config (2. E-engine)	--	synchron	
Engine power(2. E-engine)	kW	8	
at Range	1/min	6000	
torque (2. E-engine)	Nm	50	
Engine power (cumul.)	bHP	357	
Electrification level	--	PHEV	
Transmission type	--	AISIN F21-360 FT EOP	
Transmission type	--	automatic transmission	
Gear ratios 1st gear	--	4.459	
2nd	--	2.508	
3rd	--	1.556	
4th	--	1.142	
5th	--	0.851	
6th	--	0.672	
Reverse gear	--	3.185	
Final drive ratio	--	3.681	
Transmission Identification	--	GE2112GK	
Translations 1st gear	--	11.3	
2nd gear	--	5.85	
Power-steering	--	EPS	
Steering transmission, overall	:1	16	
Recuperation power	kW	60	
Front tyres	--	195/50 R20 93 W	
Front rims	--	7J x 20 LM	
Rear tyres	--	215/45 R20 95 W	
Rear rims	--	7.5J x 20 LM	
Track front	mm	1644	
Width of the rear track	mm	1721	
Wheel offset front	mm	36	
Wheel offset rear	mm	40	
A	m²	2.15	
Cx	--	0.26	
Air resistance	m²	0.56	
Top speed	km/h	250	
Top speed (electrical)	km/h	120	
0-100km/h	s	4.4	
Fuel cons. City	L/100km	8.4	
Fuel cons. Highway	L/100km	8.1	
Fuel cons. Combined	L/100km	8.3	
Emission classification (type-certified)	--	ULEV II	
Battery Capacity (low voltage)	Ah	50	
System voltage (low voltage)	V	12	
Battery Capacity (high voltage)	Ah	20	
System voltage (high voltage)	V	355	
Battery type high voltage	--	Li-Ion	
Gross battery content high voltage	kWh	7.1	
Net battery content high voltage	kWh	5.2	
Battery Position high voltage	--	central tunnel subsoil	
charging variation 1	--	AC Typ 1; 3,7kW	
charging current 1	A	16	
charging time 1 (0-80% SoC)	h	2	
Facing surface [ft²]	ft	23.14	
CxA[ft²]	ft	6.02	

Wheel Overview

Model Year 2017

BMW i8
Effective: 07/01/16

i8



Code: 2HP
Style: 625

20"BMW i Light Alloy Turbine
Wheels, Style 625, mixed

Front:
20x7.5, 215/45 R20
Rear:
20x8.5, 245/40 R20

Optional

Code: 2W8
Style: 470

20"BMW i Light Alloy W
Spoke Wheels, Style 470,
mixed

Front:
20x7.5, 215/45 R20
Rear:
20x8.5, 245/40 R20

Standard

BMW i8 Protonic Red
Effective: 07/01/16



Code: 2B5
Style: 470

20" BMW i Lt/Ally W-Spoke
Wheels w/ OrbitGrey Finish,
Style 470, Mixed

Front:
20x7.5, 215/45 R20
Rear:
20x8.5, 245/40 R20

Standard

i8 Protonic
Red Edition

Retail Pricing

Model Year 2017

BMW i8 Protonic Red

Effective: 07/01/16

i8 Protonic
Red
Edition

Start of Production

07/16

Base Price

\$149,800

Upholstery
Spheric Leather/Cloth
NFHD Amido Leather with Red Highlights

NC

Packages
Protonic Red Edition
ZPR

\$13,700

Options
5AZ BMW Laserlight Headlights
5AZ will delete 5A4 from the order
Z0R Protonic Red

\$8,000

(req'd)

NC