



BMW i8.

2020MY PRODUCT GUIDE.

BMW i8	2Z43 BMW i8 Coupe	2Z63 BMW i8 Roadster
Basic data summary		
Transmission type	Automatic	Automatic
Engine description	XB2131T0	XB2131T0
Seats	4	2
Number of doors	2	2
Engine type	xDrive (AWD)	xDrive (AWD)
Dimensions		
Exterior		
Length, mm	4697	4697
Width, mm	1942	1942
Height, mm	1291	1289
Width incl. mirrors, mm	2218	2218
Width incl. mirror driver, mm	1109	1109
Width incl. mirror passengers side, mm	1109	1109
Wheelbase, mm	2800	2800
Overhang front, mm	960	960
Rear overhang, mm	937	937
Turning circle, m	12.3	12.3
Ground clearance, mm	117	115
Interior		
Shoulder width front, mm	1440	1440
Shoulder room rear, mm	1260	1522
Elbow width front, mm	1522	1095
Elbowroom rear, mm	1308	982
effective legroom front (L34), mm	1095	N/A
effective legroom rear second seating row (L51-2), mm	717	N/A
Max. headroom front, mm	983	N/A
Maximum headroom rear, mm	824	N/A
Knee clearance, mm	-113	N/A
Seats	4	2
seats second row	2	0
Luggage volumes		
Luggage volume (V211-2), l	154	88
Weight		
Vehicle weights		
Curb weight (without driver), kg	1588	1665
vehicle curb weight without driver (front axle), kg	775	807
vehicle curb weight without driver (rear axle), kg	813	858
Axle load limit front, kg	920	920
rear axle load limit, kg	1040	1040
rear Weight distribution (empty car), %	51.2	51.5
Gross veh. weight, kg	1920	1900
Payload, kg	323	228
US weights		
gross vehicle weight, lbs	4233	4189
Payload lbs, lbs	712	503
Front axle load lbs, lbs	2028	2028
Axle load limit rear, lbs	2293	2293
vehicle weight without driver empty fuel tank, lbs	3433	3602
vehicle weight without driver empty fuel tank -RA, lbs	1742	1841
vehicle weight without driver empty fuel tank -FA, lbs	1691	1761
vehicle curb weight inkl. 100% SAA und 33% SAs, lbs	3501	3671
Performance /fuel eco.		
Performance		
Final drive ratio	3.681	3.681
Top speed, km/h	250	250
Top speed (electrical), km/h	120	120
high-voltage battery		
Battery Capacity (high voltage), Ah	33	33
System voltage (high voltage), V	353.3	353.3
Battery type high voltage	li-Ion	li-Ion
Gross battery content high voltage, kWh	11.58	11.58
Net battery content high voltage, kWh	9.1	9.1
Battery Position high voltage	Vehicle underfloor mid.	Vehicle underfloor mid.
charging variation 1	3,7 kW, Mode 3 Wallbox, AC Typ 1	3,7 kW, Mode 3 Wallbox, AC Typ 1
charging time 1 (0-80% SoC), h	2.4	2.4
charging time 1 (0-100% SoC), h	3	3
Motor data		
#REF!		
Electrification level	PHEV	PHEV
Electric motor 1		
Motor function (1. E-engine)	electrical traction maschine	electrical traction maschine
Engine (1. E-engine)	IB1P25B	IB1P25B
Peak power (1. E-engine), kW	105	105
Peak power (1. E-engine) (PS), PS	143	143
peak power bHP (1. E-engine), bHP	141	141
at rpm (1. E-engine), 1/min	4300	4300
Max. torque (1.E-engine), Nm	250	250
range at Peak torque (1.E-engine), 1/min	100-4100	100-4100
maximum engine speed at Peak torque (1.E-Motor), 1/min	4100	4100
minimum engine speed at Peak torque (1.E-Motor), 1/min	100	100
highest output 30 min (1. E-engine), kW	75	75
30min-torque (1.E-engine), Nm	149	149
rpm at 30min peak power (1. E-engine), 1/min	4800	4800
maximum hourly output (1. E-engine), kW	75	75
rpm at 60min peak power (1.E-engine), 1/min	4800.0	4800.0
torque (1. E-engine), Nm	250	250
Engine Config (1. E-engine)	permanent erregte Synchronmaschine	permanent erregte Synchronmaschine
engine power bHP (1. E-engine), bHP	101	101
Communication		
Engine power (cumul.) (bHP), bHP	369	369
Power to weight ratio, kg/kW	9.3	9.8

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Output per litre, kW/dm³	113.4	113.4
Engine torque (cumul.), Nm	570	570
System: Weight ratio, kg/kW	5.8	6.1
Engine torque (cumul.), ftlbs	420	420
Output of system per litre, kW/dm³	183.5	183.5
Motor		
Engine type	B38K15T0	B38K15T0
Cylinders	3	3
Valves p.cyl.	4	4
Stroke, mm	94.6	94.6
Bore, mm	82	82
Displacement, cm³	1499	1499
Compression rate, :1	9.5	9.5
Rated engine power (kW), kW	170	170
Engine power (HP), PS	231	231
Engine power (bHP), bHP	227	227
rpm at maximum power, 1/min	5800	5800
minimum Engine speed at maximum power, 1/min	5800	5800
maximum Engine speed at maximum power, 1/min	5800	5800
Engine torque, Nm	320	320
Engine torque, ftlbs	236	236
rpm at maximum torque, 1/min	3700-3700	3700-3700
minimum Engine speed at maximum torque, 1/min	3700	3700
maximum Engine speed at maximum torque, 1/min	3700	3700
Fuel type	gasoline	gasoline
Useable Fuel quality	AKI 89 MIN, E25 MAX	AKI 89 MIN, E25 MAX
recomm.	AKI 91	AKI 92
Engine oil (exchange quantity), l	4.25	4.25
Gearbox		
Combustion engine		
Transmission type V	GA6F21AW	GA6F21AW
Transmission type	Automatic	Automatic
Nr. of gears	6	6
Transmission ratio 1st gear**, 1st**	4.459	4.459
Transmission ratio 2nd gear**, 2nd**	2.508	2.508
Transmission ratio 3rd gear**, 3rd**	1.556	1.556
Transmission ratio 4th gear**, 4th**	1.142	1.142
Transmission ratio 5th gear**, 5th**	0.851	0.851
Transmission ratio 6th gear**, 6th**	0.672	0.672
Transmission ratio reverse gear**	3.185	3.185
Aerodynamics		
Cx		
Cx Min	0.27	0.28
Cx Max	0.3	0.31
Cx Range, m²	0.27-0.3	0.28-0.31
Cx x A		
Cx x A Min, m²	0.58	0.6
Cx x A Max, m²	0.65	0.67
Stirnflaeche		
Facing surface, m²	2.15	2.15
Emission		
Emission classification (type-certified)***	ULEV125	ULEV125
chassis		
Wheel/Tyres		
Front tyres	195/50 R20 93 W XL	195/50 R20 93 W XL
Front tyres var.1	215/45 R20 95 W XL	215/45 R20 95 W XL
Front rims	7Jx20 LM	7Jx20 LM
Front rims var.1	7,5Jx20 LM	7,5Jx20 LM
Rear tyres	215/45 R20 95 W XL	215/45 R20 95 W XL
Rear tyres var.1	245/40 R20 99 W XL	245/40 R20 99 W XL
Rear rims	7,5Jx20 LM	7,5Jx20 LM
Rear rims var.1	8,5Jx20 LM	8,5Jx20 LM
Track front, mm	1644	1644
Track front var.1, mm	1636	1636
Width of the rear track, mm	1721	1721
Track rear var.1, mm	1701	1701
Wheel offset front, mm	36	36
Wheel offset front var.1, mm	40	40
Wheel offset rear, mm	40	40
Wheel offset rear var.1, mm	50	50
Run flat tyres	no	no
Run flat tyres var.1	no	no
Steering		
Power-steering	APA EPS	APA EPS
Steering transmission, overall, :1	16	16
Tank		
Fuel tank capacity (approx.) , l	42	42
Battery		
Battery Capacity (low voltage), Ah	50	50
System voltage (low voltage), V	12	12
SCR		
SCR (Yes/No)	No	No

Wheel Overview

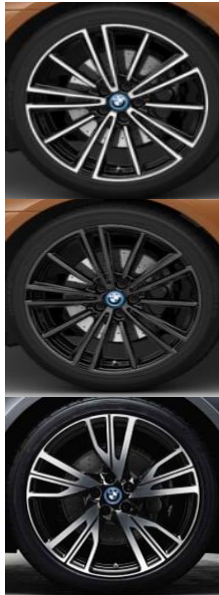
Model Year 2020

BMW i8

Effective: 11/01/19

i8 Coupe

i8 Roadster



Code: 27K
Style: 519

20" BMW i Lt/Aly Wheels,
Radial-spoke 519, Bicolour, Perf
Tires

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

Standard

Standard

Code: 2ES
Style: 516

20" BMW i Lt/Aly Wheels,
Radial-spoke, Style 516, Jet
Black, Perf Tires

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

Optional

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

Optional

Optional

Retail Pricing

Model Year 2020

BMW i8

Effective: 11/01/19

		Base Price	i8 Coupe \$149,900	i8 Roadster \$169,900
Metallic			NC	NC
B96	Crystal White Pearl w/Frozen Grey Accent			
B97	Crystal White Pearl w/BMW i Frozen Blue Accent			
C1U	E-Copper w/ Frozen Grey Highlight			
C22	Sophisto Grey Metallic w/Frozen Grey Accent			
C23	Sophisto Grey Metallic w/BMW i Frozen Blue Accent			
Upholstery				
Full Spheric Leather Perforate			NC	NC
NGEF	Ivory White/Black Full Perforated Leather		NA	NC
NGEK	Ivory White Full Perforated Leather		NC	NA
NGHA	Amido Full Perforated Leather		NC	NC
Natural Leather/Cloth			NC	NC
NKED	E-Copper Natural Leather with Cloth Accents		\$2,250	\$2,250
	NKED will add 7Y6 to the order		(req'd)	(req'd)
NKFD	Dalbergia Brown Natural Leather with Cloth Accent		\$1,750	\$1,750
	NKFD will add 7Y9 to the order		(req'd)	(req'd)
	NKFD will add 4FG to the order		(req'd)	(req'd)
Packages				
Z8H	Premium Package		\$6,000	NA
Z8X	Premium Package		NA	\$5,800
Options				
2ES	20" BMW i Lt/Aly Wheels, Radial-spoke, Style 516, Jet Black, Perf Tires (20x7.5, 215/45 R20 front and 20x8.5, 245/40 R20 rear)		\$500	\$500
2W8	20"BMW i Light Alloy W Spoke Wheels, Style 470, mixed (20x7.5, 215/45 R20 front and 20x8.5, 245/40 R20 rear)		NC	NC
3DS	BMW Display Key		\$300	\$300
4CQ	Carbon Fibre Trim		\$750	\$750
4FG	BMW i Blue Seat-Belt		\$300	\$300
	In combination with 7Y9		NC	NC
	4FG cannot be ordered with NKED		(req'd)	(req'd)
5AZ	BMW Laserlight Headlights		\$6,900	\$6,900
	5AZ will delete 5A4 from the order		(req'd)	(req'd)
7LK	Travel Package		NA	\$350
Z4K	Donington Grey Metallic		NC	NC

Product Configuration

Model Year 2020

BMW i8

Effective: 11/01/19

		i8 Coupe	i8 Roadster
CA Model Code		20IC	20IR
AG Model Code		2Z43	2Z63
Start of Production		10/19	10/19
Options			
27K	20" BMW i Lt/Aly Wheels, Radial-spoke 519, Bicolour, Perf Tires (20x7.5, 215/45 R20 front and 20x8.5, 245/40 R20 rear)	STD	STD
2BQ	Black Brake Calipers Included in package	Z8H	Z8X
2ES	20" BMW i Lt/Aly Wheels, Radial-spoke, Style 516, Jet Black, Perf Tires (20x7.5, 215/45 R20 front and 20x8.5, 245/40 R20 rear)	x	x
2VC	Tire Repair Kit	100%	100%
2W8	20"BMW i Light Alloy W Spoke Wheels, Style 470, mixed (20x7.5, 215/45 R20 front and 20x8.5, 245/40 R20 rear)	x	x
2XA	Sport Leather Steering Wheel w/Shift Paddles	STD	STD
302	Alarm System	100%	100%
319	Universal Remote Control Included in package	Z8H	Z8X
322	Comfort Access	100%	100%
3CM	Leather Engine Cover Included in package	Z8H	
3DS	BMW Display Key	x	x
423	Velour Floor Mats	100%	100%
430	Auto Dimming Exterior Mirrors	100%	100%
458	Electric Seat Adjustment, driver and passenger	STD	STD
493	Storage Compartment Package	100%	100%
494	Heated Front Seats	100%	100%
4CQ	Carbon Fibre Trim	x	x
4FG	BMW i Blue Seat-Belt 4FG cannot be ordered with NKED	x x	x x
4U1	Ceramic Controls Included in package	Z8H	Z8X
4U9	Acoustic Protection for Pedestrians	100%	100%
563	Lights Package	100%	100%
5A2	LED Headlights	STD	STD
5A4	LED Headlights w/Cornering Function Included in package	Z8H	Z8X
5AS	Driving Assistant	100%	100%
5AZ	BMW Laserlight Headlights 5AZ will delete 5A4 from the order	x x	x x
5DS	Luggage-Compartment Emergency Unlocking	STD	STD
609	On-Board Navigation	STD	STD
610	Head-Up Display Included in package	Z8H	Z8X
655	SiriusXM Satellite Radio Tuner	100%	100%
674	Harman Kardon Sound System	100%	100%
6AC	Intelligent Emergency Call	100%	100%
6AE	Teleservices	100%	100%
6AK	ConnectedDrive Services	100%	100%
6AM	Advanced Real Time Traffic Information	100%	100%
6AN	Concierge Services	100%	100%
6AP	Remote Services	100%	100%
6CP	Apple CarPlay Preparation	100%	100%
6NS	Convenience Telephony with Smartphone Connectivity	100%	
6NW	Wireless Charging w/Extended Bluetooth and USB		100%
6WD	WiFi Hotspot		100%

Product Configuration

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		CA Model Code	i8 Coupe	i8 Roadster
		AG Model Code	20IC	20IR
		Start of Production	2Z43	2Z63
			10/19	10/19
7LK	Travel Package			X
8KL	Oil Service Interval 15,000km		100%	100%
Z4K	Donington Grey Metallic		X	X
	Metallic		X	X
B96	Crystal White Pearl w/Frozen Grey Accent		X	X
B97	Crystal White Pearl w/BMW i Frozen BlueAccent		X	X
C1U	E-Copper w/ Frozen Grey Highlight		X	X
C22	Sophisto Grey Metallic w/Frozen Grey Accent		X	X
C23	Sophisto Grey Metallic w/BMW i Frozen Blue Accent		X	X
	Upholstery			
NG	Full Spheric Leather Perforate		X	X
NGEF	Ivory White/Black Full Perforated Leather			X
NGEK	Ivory White Full Perforated Leather		X	
NGHA	Amido Full Perforated Leather		X	X
NK	Natural Leather/Cloth		X	X
NKED	E-Copper Natural Leather with Cloth Accents		X	X
	NKED will add 7Y6 to the order		X	X
NKFD	Dalbergia Brown Natural Leather with Cloth Accent		X	X
	NKFD will add 4FG to the order		X	X
	NKFD will add 7Y9 to the order		X	X
	Packages			
Z8H	Premium Package		X	
	2BQ - Black Brake Calipers			
	319 - Universal Remote Control			
	3CM - Leather Engine Cover			
	4U1 - Ceramic Controls			
	5A4 - LED Headlights w/Cornering Function			
	610 - Head-Up Display			
Z8X	Premium Package			X
	2BQ - Black Brake Calipers			
	319 - Universal Remote Control			
	4U1 - Ceramic Controls			
	5A4 - LED Headlights w/Cornering Function			
	610 - Head-Up Display			