

BMW
U.S. Media Information

Technical Data
2014 BMWi3

		i3 Sedan	i3 (Range Extender) Sedan
Motor type		103	103
Transmission type		single speed transmission	single speed transmission
No of Doors / Seats	/	5 / 4	5 / 4
Veh. length	mm / inch	4008 / 157.8	4008 / 157.8
Veh. width	mm / inch	1775 / 69.9	1775 / 69.9
Veh. height	mm / inch	1578 / 62.1	1578 / 62.1
Wheelbase / Turning circle	mm / inch	2570 / 101.2	2570 / 101.2
Turning circle	m / ft	9.86 / 32.4	9.86 / 32.4
Ground clearance	mm / inch	140 / 5.5	140 / 5.5
Shoulder width front	mm / inch	1361 / 53.6	1361 / 53.6
Shoulder width rear	mm / inch	1250 / 49.2	1250 / 49.2
Legroom front	mm / inch	1029 / 40.5	1029 / 40.5 / 810 / 31.9
Legroom rear	mm / inch	810 / 31.9	810 / 31.9
Max. headroom front	mm / inch	1007 / 39.6	1007 / 39.6
Max. headroom rear	mm / inch	946 / 37.2	946 / 37.2
Luggage comp. capacity	m³ / ft³	0,260-1,100 / 15.1 - 36.9	0,260-1,100 / 15.1 - 36.9
Fuel tank capacity	liter / gal	0 / 0	7 / 1.9
Curb weight (US)	Kg / lbs	1297 / 2860	1420 / 3130
Weight distribution (empty car)	Front % / Rear %	48.4 / 51.6	44.9 / 55.1
Gross veh. Weight	Kg / lbs	1640 / 3615	1730 / 3815
Payload Kg / lbs	Kg / lbs	324 / 715	295 / 650
Axle load limit front / Axle load limit rear	Kg / lbs / Kg / lbs	780 / 1720	810 / 1785
Axle load limit front / Axle load limit rear	Kg / lbs / Kg / lbs	909 / 2005	1000 / 2205
Motor type		AC Synchronous Electric Motor	AC Synchronous Electric Motor
peak power bHP / at rpm	bHP / 1/min	170 / 4800	170 / 4800
regenerative braking power	bHP	74	74
motor torque	ft lbs	184	184
Engine type / Cylinders / Valves p.cyl.	/ /	--	in line / 2 / 4
Capacity	CC/ inch³	--	647 / 39
Stroke	inch	--	2.6
Bore	inch	--	3.1
Engine power / at rpm	bHP / 1/min	--	38 / 5000
Engine torque / at rpm	ft lbs / 1/min	--	41 / 4500
Compression rate / Fuel type (recomm.)	:1 /	--	10.6 / Premium
Emission classification		ZEV	SULEV
Transmission Identification		GE1B130H/GE1B131H	GE1B130H/GE1B131H
Single gear ratio		9.7	9.7
Steering type / Steering transmission, overall	/ :1	rack-and-pinion / 14.2	rack-and-pinion / 14.2
Front brake type / diameter	/ inches	disc ventilated / 11	disc ventilated / 11
Rear brake type / diameter	/ inches	disc / 11	disc / 11
maximum regenerative braking power	bHP	74	74
Cd		0.29	0.3
Frontal area	ft²	25.62	25.62
Top speed	Kmh / mph	150 / 93	150 / 93
Acceleration 0-60 mph	s	7	7.8
Acceleration 0-100Kmh	s	7.20	7.9
Fuel econ. city (official EPA)	mpge	137	--
Fuel econ. highway (official EPA)	mpge	111	--
Fuel econ. combined (official EPA)	mpge	124	117
Electrical Range US	miles	81	72
US total range (official EPA)	miles	81	150
Energy cons. combined (official EPA)	kWh/100miles	27	29
Front tires		155/70 R19	155/70 R19
Rear tires		155/70 R19	175/70 R19
Front wheels		5J x 19	5Jx19
Rear wheels		5J x 19	5.5Jx19
Track front	mm / inch	1571 / 61.9	1571 / 61.9
Track rear	mm / inch	1576 / 62	1556 / 61.3
Battery type low voltage / Battery low voltage / Battery position low voltage	/ Ah /	AGM / 20 / Front	AGM / 20 / Front
Battery type high voltage / Net battery capacity high voltage / Battery Position high voltage	/ kWh /	Li-Ion / 22 / subsurface	Li-Ion / 22 / subsurface
Charging time (220V Level 2, 32 A SAE J1722 Charger)	Hours	3	3
Charging time (SAE DC Combo Fast Charger) 80% Charge (50 kW)	Minutes	20	20