

Technical Data

BMW i3 (i01).

-for internal use only-

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		i3	i3 (Range Extender)
		Sedan	Sedan
Engine type		103	103
Gearbox		automatic transmission 1	automatic transmission 1
No of Doors / Seats	/	5 / 4	5 / 4
Veh. length / width / height (*mit Dachfinne)	mm / mm / mm	3999 / 1775 / 1578 (*1597)	3999 / 1775 / 1578 (*1597)
Width inc. mirrors (Fahrer/Beifahrer)	mm	2039 (1031 / 1008)	2039 (1031 / 1008)
Wheelbase / Turning circle	mm / m	2570 / 9.86	2570 / 9.86
Overhang front / rear	mm / mm	707 / 722	707 / 722
Ground clearance	mm	140	140
Shoulder width front / rear	mm / mm	1361 / 1250	1361 / 1250
Elbow width front / rear	mm / mm	1392 / 1281	1392 / 1281
Max. headroom front / rear	mm / mm	1007 / 946	1007 / 946
Luggage comp. capacity	m³	0,260-1,100	0,260-1,100
Fuel tank capacity	liter	0	9
Curb weight (DIN) / (EC)	Kg / Kg	1195 / 1270	1315 / 1390
rear Weight distribution (empty car)	%	52.8	56
Gross veh. weight / Payload	Kg / Kg	1620 / 425	1730 / 415
Axle load limit front / rear	Kg / Kg	750 / 910	765 / 1000
Motor function		electrical traction maschine	electrical traction maschine
Peak power	KW	125	125
Nominal Power / at rpm	KW / 1/min	75 / 4800	75 / 4800
Engine torque	Nm	250	250
Motor function			Starting Alternator
Engine power / at Range	KW / 1/min	/	23 / 4300
Engine torque	Nm		55
Motor function			Seriell RE
Engine type / Cylinders / Valves p.cyl.	/ /	/ /	in line / 2 / 4
Displacement	cm³		647
Stroke / Bore	mm / mm	/	66 / 79
Engine power / at rpm	KW (PS) / 1/min	/	28 (38) / 5000
Engine torque / at rpm	Nm / 1/min	/ ()	56 / 4500
Compression rate / Fuel type (recomm.)	:1 /	/ ()	10.6 / ROZ87-98 (ROZ95)
Emission classification		-	EU6
Transmission Identification		GE1B130H/GE1B131H	GE1B130H/GE1B131H
Translations 1st gear		9.7	9.7
Transmission fluid		permanent	permanent
Steering type / Steering transmission, over	/:1	rack-and-pinion (EPS) / 14.2	rack-and-pinion (EPS) / 14.2
Front brake		disc ventilated	disc ventilated
Rear brake		disc	disc
Recuperation power	KW	bis zu 50	bis zu 50
Cx / A / Air resistance	/ m² / m²	0.29 / 2.38 / 0.69	0.3 / 2.38 / 0.71
Top speed	Km/h	150	150
0-100Km/h	s	7.2	7.9
80-120km/h	s	4.9	5.5
0-60km/h / 30-70km/h	s / s	3.7 / 2.5	3.9 / 2.8
KV01 combined	L/100Km	0	0.6
CO2 combined	g/Km	0	13
total average energy consumption (NEF-Z)	kWh/100km	12.9	13.5
average customer-orientated energy const	kWh/100km	14-17	15-18
Electrical Range	km	190	170
customer-orientated electric range value	km	130-160	120-150
customer-orientated additional range for R	km	0	120-150
customer-orientated total range	km	130-160	240-300
customer-orientated total range (most effie	km	190	340
CO / NOx / HC	g/Km / g/Km / g/Km	0 / 0 / 0	0.0354 / 0.0009 / 0.0021
NMHC / HC+NOx / Particles	g/Km / g/Km / g/Km	0 / 0 / 0	0.0018 / 0 / 0
Front tyres	Standard wheel	155/70 R19	155/70 R19
Rear tyres	Standard wheel	155/70 R19	175/60 R19
Front rims	Standard wheel	5J x 19	5Jx19
Rear rims	Standard wheel	5J x 19	5,5Jx19
Run flat tyres	Standard wheel	no	no
Track front / rear	mm / mm	1571 / 1576	1571 / 1556
Wheel offset front / rear	mm / mm	43 / 43	43 / 43
Battery type low voltage / Battery low volta	/Ah /	AGM / 20 / Front	AGM / 20 / Front
Battery type high voltage / Net battery cont	/kWh /	Li-Ion / 19 / subsurface	Li-Ion / 19 / subsurface
charging variation 1* / charging current 1**	/A / h	AC Typ 2; 3,7kW / 16 / 5.5	AC Typ 2; 3,7kW / 16 / 5.5
charging variation 2* / charging current 2**	/A / h	AC Typ 2; 7,4kW / 32 / 2.8	AC Typ 2; 7,4kW / 32 / 2.8
charging variation 3* / charging current 3**	/A / h	Combo 2; 50 kW / 125 / 0.4	Combo 2; 50 kW / 125 / 0.4
EfficientDynamics			
MSA / EPS / IGR	/ / /	no / yes / no	yes / yes / no
Aerodyn. / ECO PRO/ ECO PRO PLUS	/ / /	yes / yes/ yes	yes / yes/ yes
ORST	/ / /	yes	yes
		1Z21, 1Z22	1Z41, 1Z42

* max charging capacity

** max charging current

*** max current, 0-80% SoC