



2019

BMW i3

4x2



10.0 
/10

**Clean Air
Index**

8.5 
/10

**Energy Efficiency
Index**



Laboratory test

HC

CO

NO_x

PN

9.0/9

Cold Test*



3.0/3

Warm Test[#]



3.0/3

Eco Mode[#]



3.0/3

Sport Mode[#]



9.0/9

Highway[#]



Road test

7.0/7

On-Road Drive*



Robustness

* Adapted regulatory test [#] Additional Green NCAP tests



n.a.



good



adequate



marginal



weak



poor




Comments

With no combustion engine, no pollutants are emitted in the tests and the car scores maximum points.



Laboratory test

Energy

10.0/10	Cold Test*		→	14.9 kWh/100km
3.0/3	Warm Test [#]		→	14.5 kWh/100km
3.0/3	Eco Mode [#]		→	12.9 kWh/100km
3.0/3	Sport Mode [#]		→	14.5 kWh/100km
10.0/10	Highway [#]		→	19.8 kWh/100km

Consumption

Electrical energy

Average consumption

15.3 kWh/100km

Worst-case consumption

19.8 kWh/100km

* Adapted regulatory test [#] Additional Green NCAP tests



n.a.



good



adequate



marginal



weak



poor

Comments

The i3 is rated as good for energy efficiency, with an average electrical energy consumption of 15.3kWh/100km across the lab tests.

Additional Information

Greenhouse Gases **

CO₂

Cold Test*



Warm Test#



Eco Mode#



Sport Mode#



Highway#



* Adapted regulatory test # Additional Green NCAP tests

** For indication only. The assessment of greenhouse gases does not currently form part of the rating.



n.a.



good



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marginal



weak



poor

Our verdict

BMW has used weight-saving carbon-fibre technology to keep the i3 at a trim 1270kg, although its 75kW electric motor and battery pack limits the weight-loss that can be achieved. Electric motors deliver a high torque, so despite its modest power, the i3 has a hefty 250Nm of torque. Local pollutant emissions are zero, of course, as no fuel is burned during the tests, and the i3 scores a maximum 10 in the Clean Air Index. Energy Efficiency is also very good, with consumption not exceeding 20kWh/100km in any of the tests.

In an additional test, performed for information only, consumption was as low as 10.2kWh/100km with the car in "ECO PRO +" mode, in which its maximum speed is limited to 90km/h. Of course, emissions of carbon dioxide are zero. Overall, the i3 demonstrates that full electric propulsion currently offers the greenest mode of transport around.

Year of Publication

2019

Tested Car

KMHC751HFHU01XXXX

Emissions Class

Euro 6b

Mass

1270 kg

Engine Size

n.a.

Engine Power/Torque

75 kW / 250 Nm

Tyres

155/70 R19

Published CO₂

0 g/km



Think before you print