



2019

BMW i3

4x2 Euro 6b electric automatic






























10.0 
/10

Clean Air
Index

8.5 
/10

Energy Efficiency
Index

|  <u>Laboratory test</u> | | 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# |  |  |  |  |
|  <u>Road test</u> | | | | | |
| 7.0/7 | On-Road Drive* |  |  |  |  |
|  <u>Robustness</u> | | | | | |

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

Consumption

Electrical energy

Average consumption

15.3 kWh/100 km

Worst-case consumption

19.8 kWh/100 km

* Adapted regulatory test # Additional Green NCAP tests



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Comments

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



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Our verdict

BMW has used weight-saving carbon-fibre technology to keep the i3 at a trim 1,270 kg, although its 125 kW electric motor and battery pack limits the weight-loss that can be achieved. Electric motors deliver a high torque and the i3 delivers a hefty 250 Nm. 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 20 kWh/100 km in any of the tests.

In an additional test, performed for information only, consumption was as low as 10.2 kWh/100 km with the car in "ECO PRO +" mode, in which its maximum speed is limited to 90 km/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

WBY1Z21010VZ5XXXX

Emissions Class

Euro 6b

Mass

1,270 kg

Engine Size

n.a.

Engine Power/Torque

125 kW/250 Nm

Tyres

155/70 R19

Published CO₂

0 g/km



Think before you print