

REAL-WORLD TESTING RESULTS

BYD Seal
2024

The Real-World Testing Program tested a 2024 BYD Seal. In the real-world tests, per kilometre the Seal used 29% more energy than the mandated lab test and had 25% less electric driving range.

The vehicle was tested in the Geelong region of Victoria, Australia, between 18-19 November 2025, in damp and dry conditions with winds of 22 and 21 km/h and temperatures of 19 and 18 degrees Celsius.

Make
BYD

Model
Seal

Variant
Premium

Series
EK

Model Year
2024

Motor
Single - 230 kW

Fuel Type
Pure EV

Driven Wheels
RWD

Vehicle Type
Medium Car

 Read about the Real-World Testing Program on page 2

ELECTRIC RANGE

The electric range of this vehicle was **25% lower** than the lab result when tested in real-world driving conditions.

-25%

REAL-WORLD RESULT

MANDATED LAB RESULT

-50%

+50%

MANDATED LAB RESULTS##

ENERGY CONSUMPTION

146 Wh/km

ELECTRIC RANGE

650 km

REAL-WORLD RESULTS

ENERGY CONSUMPTION

188 Wh/km

ELECTRIC RANGE

488 km

These figures refer to the laboratory testing a vehicle undergoes before release on the Australian market. Energy consumption and electric range figures quoted are measured in accordance with the Australian Government's regulated standard, Australian Design Rule 81/02, and published on the Australian Government's Green Vehicle Guide (greenvehicleguide.gov.au)

ABOUT REAL-WORLD TESTING

The Real-World Testing Program tests vehicle fuel consumption, energy consumption, electric driving range and environmental performance under real-world operating conditions on public roads. This delivers additional information on a vehicle's fuel/energy consumption, electric driving range and environmental performance to that derived from lab testing. The program's operating procedures have been developed in consultation with industry and government. These protocols are designed to deliver a high level of consistency when testing different vehicles.

See how cars are tested and explore the latest models tested on our website

realworld.org.au

TEST VEHICLE DETAILS

Make	BYD
Model	Seal
Variant	Premium
Series	EK
Month/Year Built	03/2024
Motor	Single - 230 kW
Air pollution standard*	Pure EV
Odometer reading at start of test	17,301 km

TEST INFORMATION

Trip distance	93 km
Date of testing	18-19 November 2025
Test location	Geelong surrounds, Victoria
Ambient Conditions	Damp & dry, winds 22 & 21 km/h, 19 & 18°C

TRIP RESULTS

ENERGY CONSUMPTION

188 Wh/km

ELECTRIC RANGE

488 km

ABOUT BATTERY ELECTRIC VEHICLE TESTING

The Real-World Testing Program recharges battery electric vehicles in a temperature-controlled chamber using an AC home charger with a 22kW capacity. The charging speed depends on the vehicle's built-in technology. The BYD Seal was able to charge at 7 kW (AC), taking 10 hours and 31 minutes to reach 100% state of charge from 15%.

NOXIOUS EMISSIONS

Noxious emissions from road vehicles impact air quality. The Real-World Testing Program measures noxious tailpipe emissions. As electric vehicles do not have internal combustion engines, they do not produce tailpipe emissions.

*As published on the Australian Government's Green Vehicle Guide (greenvehicleguide.gov.au)

Vehicle brands have been notified prior to the publication of any vehicle testing results. Information provided on any Australian Automobile Association (AAA) ACN 008 526 369 (AAA) website, media release, publication, social media platform and/or application (Medium/s) is for information purposes only. The information provided via the Mediums is correct as at the time of publication only. The AAA does not warrant the currency or accuracy of the information thereafter. AAA will not be responsible for any claims, damages, costs or losses following any reliance placed on any information provided via the Mediums. It is your responsibility to ensure that any information provided via the Mediums are relevant and appropriate to you. The AAA provides no warranty and carries no responsibility in relation to this.



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