Australian Automobile Association

Real-World Testing Program

The Real-World Testing Program is funded by the Australian Government and run by the Australian Automobile Association. The AAA is the peak organisation for Australia's motoring clubs and their 9.5 million members. It represents the NRMA, RACV, RACQ, RAA, RAC, RACT and AANT.

REAL-WORLD TESTING RESULTS

BYD Atto 3

2023



The Real-World Testing Program tested a 2023 BYD Atto 3. In the real-world tests, per kilometre the Atto 3 used 21% more energy than the mandated lab test and had 23% less electric driving range.

The vehicle was tested in the Geelong region of Victoria, Australia, between 4- 7 April 2025, in damp and dry conditions with winds of 9 and 16 km/h and temperatures of 17 degrees Celsius.

Make
BYD

Model
Atto 3

Variant
Extended Range

Series
SC2E

Model Year
2023

Motor
Single - 150 kW

Fuel Type
Pure EV

Driven Wheels
FWD

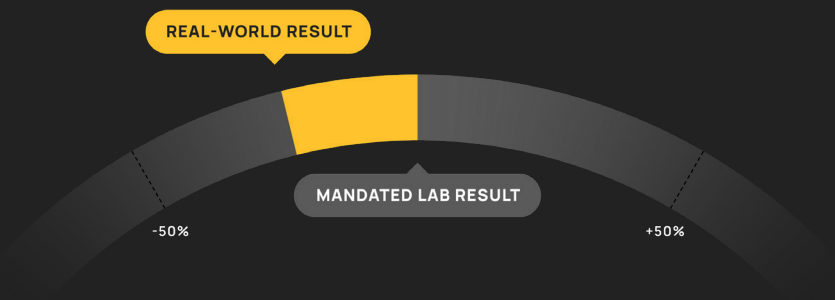
Vehicle Type
Medium SUV

Read about the Real-World Testing Program on page 2

ELECTRIC RANGE

The electric range of this vehicle was **23% lower** than the lab result when tested in real-world driving conditions.

-23%



MANDATED LAB RESULTS##

ENERGY CONSUMPTION	ELECTRIC RANGE
149 Wh/km	480 km

REAL-WORLD RESULTS

ENERGY CONSUMPTION	ELECTRIC RANGE
180 Wh/km	369 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

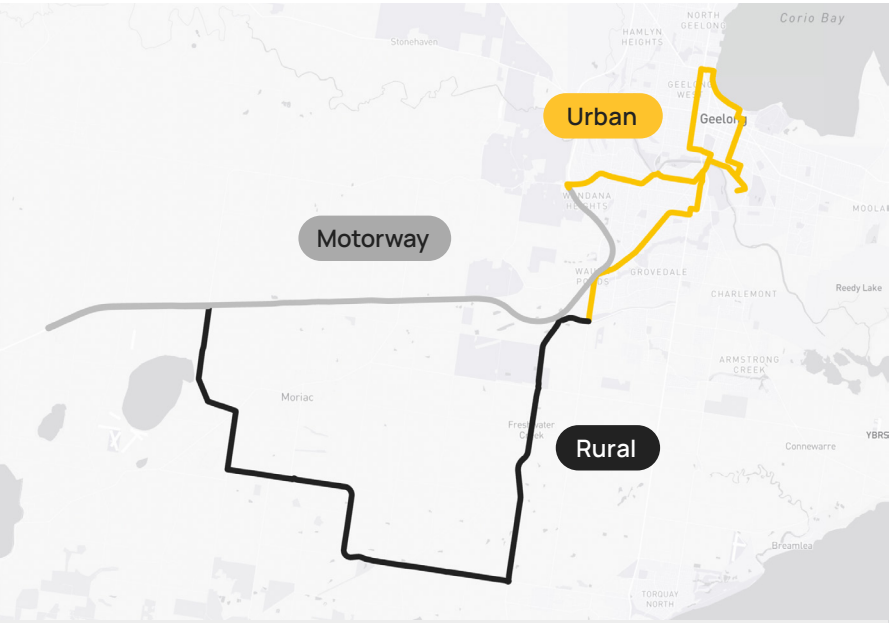
realworld.org.au

TEST VEHICLE DETAILS

Make	BYD
Model	Atto 3
Variant	Extended Range
Series	SC2E
Month/Year Built	05/2023
Motor	Single - 150 kW
Air pollution standard*	Pure EV
Odometer reading at start of test	23,040 km

TEST INFORMATION

Trip distance	93 km
Date of testing	4-7 April 2025
Test location	Geelong surrounds, Victoria
Ambient Conditions	Damp & dry, winds 9 & 16km/h, 17°C



TRIP RESULTS

ENERGY CONSUMPTION	ELECTRIC RANGE
180 Wh/km	**369** 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 Atto 3 was able to charge at 7 kW (AC), taking 8 hours and 22 minutes to reach 100% state of charge from 12%.

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.

An Australian Government Initiative

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Version 1