BYD ATTO 3
M2F1C 60 kWh electric FWD automatic

Vehicle Specifications

Green NCAP Publication Date
09 2023

Fuel Electricity

Mass
1,750 kg

System Power/Torque
150 kW/310 Nm

Emissions Class
Euro 6 AX

Declared Battery Capacity (gross)
80.5 kWh

Declared Electric Energy Consumption (WLTP)
16 kWh/100 km

Average | Best | Worst
Declared Electric Energy Consumption (Green NCAP Tests)
21.4 | 18.0 | 28.1 kWh/100 km

Declared Fuel Consumption (WLTP)
n.a.

Average | Best | Worst
Measured Fuel Consumption (Green NCAP Tests)
n.a.

Life Cycle Assessment results calculated with Tool v2.3_2022 by FIA/JOANNEUM RESEARCH based on 240,000 lifetime kilometres for average European conditions.

Process Chain - Electric Powertrain

Primary Energy Demand

Renewable Energy
→ Energy Materials \(^1\)
→ Materials \(^1\)
→ Energy Materials \(^1\)

Fossil Energy
→ Power Plant
→ Materials \(^2\)
→ Charging Station

Other Energy
→ Heat
→ Storage
→ Transportation

GHG Emission Contributions

Total GHG Emissions
30 (\pm 10)
(Best 20 | Worst 35)

Vehicle Life Cycle Average Emissions
(tons CO\(_2\)-equivalent/vehicle)

Default Assessment Parameters

Country | Electricity Mix
EU Average

Annual Kilometers
15,000 km

Vehicle | Battery Lifetime
16 years

Slow | Quick Charging
90% | 10% (of km/year)

Greenhouse Gas (GHG) Emissions

Estimated Average GHG Emissions

Total 125.1 g CO\(_2\)-eq/km

Production w/o Bat/FC 42.9
Battery Production 21.1
Fuel Cell Production 0.0
Maintenance 7.6
Fuel/Energy Supply 61.7
Tailpipe Emissions 41.1
Recycling 0.0

Estimated Average Energy Demand

Total 0.74 kWh/km

Production w/o Bat/FC 0.03
Battery Production 0.17
Fuel Cell Production 0.00
Maintenance 0.03
Fuel/Energy Supply 0.49
Recycling 0.00

Primary Energy Demand

Energy Demand Contributions

Energy Source

\[\text{Fossil} 71\%\]
\[\text{Renewable} 27\%\]
\[\text{Other} 2\%\]

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