

LIFE CYCLE ASSESSMENT FACT SHEET

Tesla Model 3

Rear-Wheel Drive electric RWD automatic



Vehicle Specifications

Green NCAP Publication Date

Fuel Electricity

System Power/Torque 208 kW/350 Nm

Emissions Class

Declared Battery Capacity (gross) 60.0 kWh

Declared Electric Energy Consumption (WLTP) 13.2 kWh/100 km

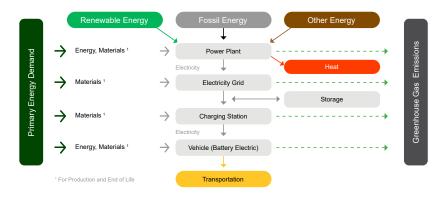
Average | Best | Worst Measured Electric Energy Consumption (Green NCAP Tests) 16.9 | 14.2 | 26.9 kWh/100 km

Declared Fuel Consumption (WLTP)

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

n.a.

Process Chain - Electric Powertrain



Default Assessment Parameters

Country | Electricity Mix

Vehicle | Battery Lifetime

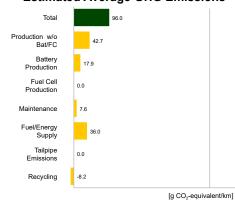
Annual Kilometers 15,000 km

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

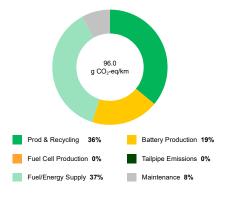


Greenhouse Gas (GHG) Emissions

Estimated Average GHG Emissions



GHG Emission Contributions

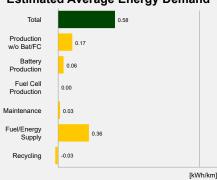


Total GHG Emissions

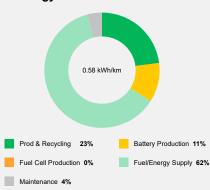
Vehicle Life Cycle Average Emissions 23 (+/-) (Best 22 | Worst 28) 100 Fleet Worst Fleet Best

Primary Energy Demand

Estimated Average Energy Demand



Energy Demand Contributions



Energy Source



Life Cycle Assessment results calculated with Tool v2.4 2024 by FIA/JOANNEUM RESEARCH based on 240.000 lifetime kilometres for average European conditions