LIFE CYCLE ASSESSMENT FACT SHEET

VW Caddy
1.5 TSI petrol FWD manual

Vehicle Specifications

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green NCAP Publication Date</td>
<td>06 2022</td>
</tr>
<tr>
<td>Fuel</td>
<td>Petrol E10</td>
</tr>
<tr>
<td>Mass</td>
<td>1,567 kg</td>
</tr>
<tr>
<td>System Power/Torque</td>
<td>84 kW/220 Nm</td>
</tr>
<tr>
<td>Emissions Class</td>
<td>Euro 6d AP</td>
</tr>
<tr>
<td>Declared Battery Capacity (gross)</td>
<td>n.a.</td>
</tr>
<tr>
<td>Declared Electric Energy Consumption (kWh/100 km)</td>
<td>n.a.</td>
</tr>
<tr>
<td>Declared Fuel Consumption (l/100 km)</td>
<td>6.5</td>
</tr>
<tr>
<td>Average</td>
<td>Best</td>
</tr>
</tbody>
</table>

Process Chain - Petrol Powertrain

- Energy Materials 1 → Extraction → Raw Oil
- Fuel, Materials 1 → Transport → Refinery → Bioethanol Process Chain
- Energy Materials 1 → Bioethanol → Distribution → Petrol
- Energy Materials 1 → Vehicle (Conventional)

Default Assessment Parameters

- Country | Electricity Mix |
  - EU Average
- Annual Kilometers | 15,000 km
- Vehicle | Battery Lifetime |
  - Slow | Quick Charging |
- Annual Kilometers | 15,000 km

Greenhouse Gas (GHG) Emissions

- Total GHG Emissions: 242.7 g CO2-eq/km
- Total GHG Emissions: 0.98 kWh/km
- Estimated Average GHG Emissions:
  - Production w/o Bat/FC: 43.7 g CO2-eq/km
  - Battery Production: 0.0 g CO2-eq/km
  - Fuel Cell Production: 0.0 g CO2-eq/km
  - Maintenance: 8.7 g CO2-eq/km
  - Fuel/Energy Supply: 50.2 g CO2-eq/km
  - Tailpipe Emissions: 45.3 g CO2-eq/km
  - Recycling: 5.0 g CO2-eq/km

Primary Energy Demand

- Estimated Average Energy Demand: 0.98 kWh/km
- Energy Demand Contributions:
  - Production w/o Bat/FC: 87 g/kWh
  - Battery Production: 0 g/kWh
  - Fuel Cell Production: 0 g/kWh
  - Maintenance: 87 g/kWh
  - Fuel/Energy Supply: 79 g/kWh
  - Recycling: 0 g/kWh

Energy Source

- Energy Source: 0.98 kWh/km
- Fossil: 90%
- Renewable: 9%
- Other: 1%

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