

Feature	Fuel-Powered Vehicle	CNG Vehicle	Electric Vehicle
Fuel	Gasoline/Diesel	Compressed Natural Gas (CNG)	Electricity
Fuel Cost	Varies with fuel price	Usually cheaper than fuel	Depends on electricity rates
Fuel Availability	Widely available	Limited availability, primarily in urban areas	Widely available, charging infrastructure growing
Emissions	Greenhouse gases, pollutants	Cleaner burning than fuel, but still emit greenhouse gases	Zero tailpipe emissions
Environmental Impact	High	Lower than fuel, but still contributes to emissions	Depends on energy source; can be very low with renewable energy
Maintenance	Regular maintenance required	Similar to fuel vehicles, but generally cleaner burning fuel leads to cleaner engines	Fewer moving parts, less maintenance required
Performance	Generally good	Slightly less powerful compared to fuel counterparts	Instant torque, quiet operation
Range	Typically longer	Generally shorter than fuel vehicles	Increasing with advancements in battery technology
Charging/Refueling Time	Fast refueling time	Similar to fuel refueling	Longer charging times, though fast charging options are becoming more available
Initial Cost	Varies widely	Generally more expensive than fuel vehicles	Initially higher, but decreasing with incentives and advancements

