



# DIFFERENCES BETWEEN FUEL EFFICIENT VEHICLES

## HYBRIDS

## PLUG-IN HYBRIDS

## ELECTRIC VEHICLES

### Definition

Highly efficient gasoline-powered car.

Car with an internal combustion engine and a small plug-in battery.

Car with no engine and a large plug-in battery.

Uses a small battery recharged by regenerative braking to reduce fuel consumption.

Can drive using only the battery for short distances, then switch to using gasoline.

All energy comes from the battery. Extremely efficient.

### Requires plug-in?

No (gas only)

Yes (gas + electric plug-in)

Yes (electric plug-in only)

### Electric range

N/A

10-50 miles

80-400 miles

### Cost to purchase

\$

\$\$

\$\$\$

### Maintenance costs

\$\$

\$\$

\$

### Emissions

Lower emissions than standard combustion vehicle



Mid-level emissions



Zero emissions from tailpipe or during driving



### Best for someone who is:

Looking for a fuel-efficient car that will save money on gas, doesn't want to worry about charging, looking for the most affordable options.

Interested in an EV, but has concerns about range with a fully electric car. Has access to charging at home.

Wants to go fully electric! Can either charge at home or at a public charging station, is ready to make the full switch off gasoline.