

Safety:

5-Star Rating

Model Y achieved National Highway Traffic Safety Administration 5-star safety ratings in every category and subcategory.

Top Safety Pick+

Model Y received the Insurance Institute for Highway Safety Top Safety Pick+ award, with top ratings in all crashworthiness and front crash prevention categories.

Includes: Impact protection, rigid structure and low center gravity.

360 degree view: Rear, side and forward facing cameras provide maximum visibility.

Powerful visual processing at up to 250 meters of range.

Tesla Vision detects nearby cars, helps prevent potential collisions and assists with parking.

Utility:

Model Y provides maximum versatility—able to carry 7 passengers and their cargo. Each second row seat folds flat independently, creating flexible storage for skis, furniture, luggage and more. The liftgate opens to a low trunk floor that makes loading and unloading easy and quick.

All-Wheel Drive:

Two ultra-responsive, independent electric motors that digitally control torque to the front and rear wheels—for far better handling, traction and stability control. Model Y is capable in rain, snow, mud and off-road.

Quickest acceleration – from 0-60 mph in as little as 3.5 seconds.

Capable in rain, snow, mud and off-road with superior traction.

Car Summary:

Battery: Long Range

Acceleration: 3.5 s 0-60 mph *with rollout subtracted*

Range: 303 miles (EPA est.)

Drive: Dual Motor All-Wheel Drive

Seating: Up to 5

Wheels: 21"

Weight: 4,398 lbs

Max Cargo Volume: 76 cu ft

Top Speed: 155 mph

Displays: 15" Center Touchscreen

Supercharging Max/Payment Type: 250 kW Max; Pay Per Use

Warranty: Basic Vehicle - 4 years or 50,000 mi, whichever comes first
Battery & Drive Unit - 8 years or 120,000 mi, whichever comes first.

Environmental Sustainability:

Gas cars burn fossil fuel that is usable only once, while an electric motor maximizes energy efficiency within a closed loop system. Even at the end of their usable life, Tesla battery packs can be used to build a brand-new battery pack, over and over again.

Gas Cars

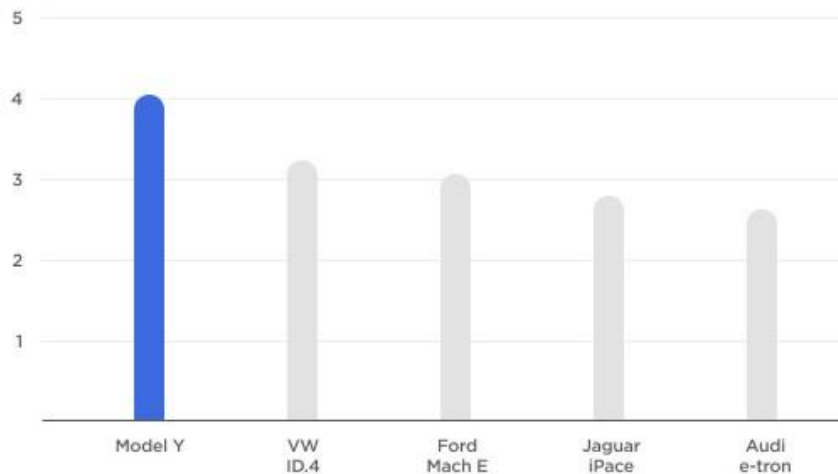
- 8,000 U.S. Gallons of fuel burned per car
- 70 tons of CO_{2e} released into the atmosphere
- Extremely difficult to decarbonize as carbon capture is not economically viable today

Electric Cars

- 70 MWh of electricity charged per car
- 30 tons of CO_{2e} released, assuming current global grid mix
- Possible to decarbonize production and lifetime use with well-established technologies

Small SUVs (AWD)

EPA Range in Miles/kWh



Model Y All-Wheel Drive achieves 4.1 EPA miles per kWh—making it the most efficient electric SUV built to date.

Credit: <https://www.tesla.com/modely>, <https://www.tesla.com/impact/environment>