



Press information

Tesla's mission is to accelerate the world's transition to sustainable energy with a full range of increasingly affordable electric cars. The goal has never been to make the best electric car but to make the best car on the market, showing that electric cars can be fun, safe, stylish and practical. Tesla continues to innovate at incredible pace with the announcement of Model 3, through free over-the-air software updates, Autopilot convenience features and is one of the quickest and safest cars on the road.



Model X - The safest, quickest and most capable sport utility vehicle in history

Model X blends performance and utility with unique features including the falcon wing doors, canopy glass, and seven-seat configuration.

Safety first

Built on the Tesla platform, the battery's location on the floor gives Model X an extremely low centre of gravity, reducing the risk of rollover which can be common in SUVs. Without an engine, Model X has a crumple zone much larger than other SUVs to absorb the energy of a front end impact. Along with standard active safety features, crash tests indicate that Model X will receive a 5-star safety rating in all categories, the first SUV ever to do so.

Signature performance and efficiency

Like all Tesla vehicles, Model X features industry leading electric range, providing up to 542 km (336 miles) of travel on a single charge (NEDC).

Tesla's Electric All-Wheel Drive digitally and independently controls torque to the front and rear wheels giving Model X unparalleled traction in all weather conditions.

Model X hits 0-100 kph in a staggering 3.1 seconds (0-60 mph in 2.9 secs) getting to a top speed of 250 kph (155 mph), all while producing zero emissions. With an active spoiler that automatically adjusts for maximum efficiency, Model X has the lowest drag coefficient of any SUV at 0.24.



Model X unique features

Falcon Wing Doors

Model X Falcon Wing doors offer unprecedented convenience, entry and maneuverability. With less space needed to open than the sliding door of a minivan, the double hinged doors make loading a child in the backseat in tight parking spaces simple and convenient.

Breathe Easy

Model X is the world's cleanest SUV on the inside. With the industry's first medical grade HEPA air filter system, medical grade air can fill the cabin, no matter what is going on outside. There are three modes: circulate with outside air, recirculated inside air and a bioweapon defense mode that creates positive pressure inside the cabin to protect occupants.

Panoramic View

The windshield in Model X is the largest cured windshield on any production vehicle. Model X occupants have three-dimensional visibility from every seat because of the canopy glass windshield and unobstructed windows in the falcon wing doors.

Towing capability

Model X will be the first electric vehicle with towing capability. The optional tow hitch will support accessories and racks to transport skis and bikes with minimum effect on aerodynamics. Fabricated from high strength steel, the Model X tow bar extends utility beyond simple bike and ski rack attachments. Towing capacity is up to 2250 kg.

Model X by the Numbers

Curb weight	2468 kg
Drag Coefficient	0.24
Overall Length	5.02 m
Overall Width (mirrors extended)	2.27 m
Overall Width (mirrors folded)	2.07 m
Overall Height (doors closed)	1.68 m
Overall Height (doors open)	2.20 m
Ground Clearance	0,18 m
Wheelbase	2.96 m
Front trunk	6.6 cu ft / 187 L
Cargo space (6 seaters)	77 ft³ / 2 180 L
Towing capability	5,000 lb / 2 270 kg
Battery and drive unit warranty	8 years, unlimited mileage
Vehicle warranty	4 years, 50,000 mile limited warranty 4 year, 80 000 km limited warranty



Version by version

	Model X 90D	Model X P90D	Model X P90D with Ludicrous mode
Range (km ; NEDC)	489	467	467
Top speed (kph)	250	250	250
0 - 60 mph (seconds)	4.8	3.8	3.2
0 - 100 kph (seconds)	5.0	4.0	3.4
Motors power (rear motor ; front motor / HP)	259 / 259	503 / 259	503 / 259
Motors power (rear motor ; front motor / PS)	263 / 263	510 / 263	510 / 263
System Power (battery limited ; HP/PS)	417/422	464/471	532 / 539
Motor torque (lb-ft/nm)	487/600	612 / 830	713 / 967

Full list of Options and prices at tesla.com/modelx/design

P100D - more performance, more range

Model S P100D with Ludicrous mode is the third fastest accelerating production car ever produced, with a 0-100 kph of 2.7¹ seconds (0-60 mph in 2.5 secs). However, both the LaFerrari and the Porsche 918 Spyder were limited run, million dollar vehicles and can no longer be bought new. While those cars are small two seaters with very little luggage space, the pure electric, all-wheel drive Model S P100D has four doors, seats up to 5 adults plus 2 children and has exceptional cargo capacity.

The 100 kWh battery also increases range substantially to an estimated 613 km (381 miles) on the NEDC cycle, making it the first to go beyond 600 km (300 miles) and the longest range production electric vehicle by far.

The larger battery pack is also available on the Model X, making the world's quickest SUV even faster. Model X P100D with Ludicrous mode accelerates 100kph in 3.1 seconds (0-60 mph in 2.9 secs) and travels up to 542 km (336 miles) on the NEDC cycle on a single charge. Model X is also a pure electric SUV and can seat up to seven adults.

¹ Expected value using max power mode and [Motor Trend benchmark](#)



Model S and Model X are engineered to be the safest cars on the road and to have the highest ratings from Euro NCAP. Both have access to the Tesla Supercharger network for the freedom to travel long distance for free. And every Tesla will improve over time with free over the air upgrades.

Tesla customers who have ordered a P90D Ludicrous, but not taken delivery, can upgrade to the 100 kWh pack and existing P90D Ludicrous owners can also upgrade to a 100 kWh pack.

Model S P100D and Model X P100D are available to order today. A customer ordering now would expect delivery end of Q4 2016 into the beginning of Q1 2017.

Autopilot

Tesla's commitment to developing and refining the technologies to enable self-driving capability is a core part of our mission. In October 2014, we started equipping Model S with hardware to allow for the incremental introduction of advanced driving assistance features: a forward radar, a forward-looking camera, 12 long-range ultrasonic sensors positioned to sense 16 feet around the car in every direction at all speeds and a high-precision digitally-controlled electric assist braking system.

Periodic over-the-air software updates continue to make Model S and now Model X safer, smarter and more capable at no additional cost to customers. While traditional cars have static features, a Tesla is more akin to a smartphone, adding new functionality and enhancements throughout the life of the vehicle. Our latest update is no exception to that.

Software version 8.0

Tesla software update 8.0 revamps interface, enhances owner experience & safety for all vehicles

Tesla makes the only cars on the road that continue to get safer, smarter, and more capable over time, thanks to free, over-the-air software updates. While traditional cars have static features, a Tesla is more akin to a smartphone, adding new functionality and enhancements throughout the life of the car.

Software update 8.0 kicks off a significant over-the-air overhaul of the Tesla touchscreen and introduces the biggest UI revamp since the launch of Model S. Customers who purchased their car in 2012 will receive the same value of functionality and improvement as customers who purchased vehicles last month. 8.0 combines a modern look with updates to Autopilot, Navigation with Trip Planner, Maps, and the Media Player for a safer, more advanced driving experience. In an industry-first safety measure, we're also introducing Cabin Overheat Protection, focused on child (and pet) safety. This feature keeps the car at a safe temperature, even when the car is off, and is made possible by our uniquely large battery packs.



Intuitive media player

The media player has been redesigned and personalized to put your favorite content front and center. Search is now simpler to access and more powerful, accessing streaming radio, live stations, podcasts, and any USB device to help you quickly find what they're looking for.

Voice commands

Voice controls are now easier and clearer to use. Initiation is quick, and clear visual feedback lets you focus on the road without compromising convenience or control.

- Voice commands initiate with a single tap
- Feedback in the form of a transcript now appears on the instrument panel to confirm your command
- Visual tips remind you what commands are available

Maps and navigation

Maps have been updated to span the entire touchscreen, displaying the most important details of your trip. The control bar fades automatically for an uncluttered navigation experience.

- Search for destinations with a single touch or voice command
- Zoom adjusts based on location to display what you need to see most
- Navigate to home or work with a single swipe.
- When at home, swipe the navigation button down in the Maps app and navigation will automatically
- route you to work. When away from home, swipe down and navigation will route back.

Cabin Overheat Protection

In an industry-first safety measure, we're also introducing Cabin Overheat Protect, focused on child (and pet) safety. This feature keeps the car at a safe temperature for hours, even when the car is off. This feature is only made possible by an electric vehicle with Tesla's uniquely large battery packs.

Trip Planner

Trip Planner provides a clear overview of your journey before you leave, with maps that zoom out to show your entire route. Putting your Tesla into Drive automatically starts navigation to your first waypoint.

Seeing the World in Radar

While there are dozens of small refinements with Version 8 of our software, described in addendum below, the most significant upgrade to Autopilot will be the use of more advanced signal processing to create a picture of the world using the onboard radar. The radar was added to all Tesla vehicles in October 2014 as part of the Autopilot hardware suite, but was only meant to be a supplementary sensor to the primary camera and image processing system.

By solving very difficult problems and using Tesla's Fleet learning capabilities, we are able to improve the way Model S and Model X identify objects on the road and activate emergency braking.

It has never been safer to drive a Tesla.



Additional Autopilot Release Notes:

- TACC braking max ramp rate increased and latency reduced by a factor of five
- Now controls for two cars ahead using radar echo, improving cut-out response and reaction time to otherwise-invisible heavy braking events
- Will take highway exit if indicator on (8.0) or if nav system active (8.1). Available in the United States initially
- Car offsets in lane when overtaking a slower vehicle driving close to its lane edge
- Interface alerts are much more prominent, including flashing white border on instrument panel
- Improved cut-in detection using blinker on vehicle ahead
- Reduced likelihood of overtaking in right lane in Europe
- Improved auto lane change availability
- Car will not allow re-engagement of Autosteer until parked if user ignores repeated warnings
- Automatic braking will now amplify user braking in emergencies
- In manual mode, alerts driver if about to leave the road and no torque on steering wheel has been detected since Autosteer was deactivated
- With further data gathering, car will activate Autosteer to avoid collision when probability ~100%
- Curve speed adaptation now uses fleet-learned roadway curvature
- Approximately 200 small enhancements that aren't worth a bullet point

Charging

A critical component of the adoption of electric vehicles is to create a seamless and convenient charging experience wherever customers choose to travel. Tesla owners can enjoy the convenience of plugging in anywhere to charge. Whether it's at home, in the office, or on a long distance road trip, Tesla has you covered.

Charge from home

The most convenient way to charge your Tesla is at home. Model S and Model X provide ample range for daily travel. The majority of owners drive during the day and replenish the balance of remaining charge at night, waking to a full battery in the morning. Imagine never going to a fuel station again.

Supercharge on the road

Designed and built by Tesla, Supercharger stations charge Model S and Model X in minutes rather than hours. Superchargers are strategically placed to allow owners to drive from station to station with minimal stops. Stations are located near amenities like restaurants, cafes, wi-fi hotspots, and shopping centres.

The Supercharger is substantially more powerful than any charging technology to date, providing up to 120 kilowatts of power to replenish a half charge in about 30 minutes. The Supercharger network covers major routes in North America, Europe and Asia Pacific. There are more than 4,300 Superchargers worldwide.

We now have 250 Supercharger stations for 1600 charging points in Europe.



Recharge at your destination

The Destination Charging programme replicates the convenience Model S and Model X owners are accustomed to at home by providing hotels, restaurants and resorts with the same connectors our owners often install on their driveways or in their garages. These “wall connectors” add up to 100 kph of range per hour (60 miles), easily giving Model S and Model X a full charge in a few hours. Destination charging completes the charging picture with home charging, Supercharging en route and charging at your destination living and exploring the world with your Tesla has never been easier.

Our European Destination Charging program first started in May 2016 and surpassed 500 locations in September, with double that number expected by the end of the year.



Images:

<https://teslamotors.app.box.com/v/pressfiles> (password: tesla1press)

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