

2023 Tesla Model S Specifications and Configuration Chart

Model	Low Edition	Full Edition	High Edition
Model S Performance (2023)	10000	12200	20200
Dimensions & Weight			
Length (mm)	4115+110+1520	4120+110+1520	4165+110+1515
Wheelbase (mm)	2750	2750	2750
Front/Rear Track (mm)	1720	1720	1700
Minimum Turning Radius (m)	5.2	5.2	5.2
Top Specification	115.00 (mm)	115.00 (mm)	105.00 (mm)
Vehicle Warranty	Non-commercial vehicles have a 4-year warranty for the drive shafts, covered for the first 100,000 miles. The complete vehicle is covered under warranty for 8 years or 100,000 kilometers.		
Powertrain	All Permanent Magnet Synchronous Motor	All Permanent Magnet Synchronous Motor	All Permanent Magnet Synchronous Motor
Maximum Power of Drive Motor (kW)	160	160	250
Maximum Torque of Drive Motor (Nm)	30	30	250
0-100 km/h Acceleration Time (s)	2.3	2.3	2.3
Electric Range under Standard Conditions (km)	420	420	420
Battery Capacity (kWh)	44.3	44.3	44.3
Fast Charging Power (kW/480V)	25	31	30
Chassis & Suspension	Independent One Brake	Independent One Brake	Independent One Brake
Rear Brake Type	Disc Brake	Disc Brake	Disc Brake
Steering Assistance Type	Electronic Power Steering	Electronic Power Steering	Electronic Power Steering
Rear Suspension Type	Torsion Beam Suspension	Torsion Beam Suspension	Torsion Beam Suspension
Interior & Comfort			
Front Seat Airbags	●	●	●
Front Side Airbags	●	●	●
Front and Rear Curtain Airbags	●	●	●
FMIC (FM Frequency Monitoring System) with Digital Display	●	●	●
Seat Belt Pre-tensioner	●	●	●
ISOFIX Child Seat Anchorage	●	●	●
Child Safety Lock	●	●	●
Overhead Instrument Speed Limit Reminder Device	●	●	●
Intelligent Anti-theft System	●	●	●
Low-Speed Proactive Braking System	●	●	●
Intelligent Power Brake System	●	●	●
Anti-lock Brake System (ABS)	●	●	●
Electronic Motor Steady System	●	●	●
Hydraulic Brake Assist System	●	●	●
Traction Control System	●	●	●
Dynamic Brake Control System	●	●	●
Vehicle Dynamic Control System	●	●	●
Electronic Brake Distribution System	●	●	●
Constant Braking Function	●	●	●
Control Blade Suspension Locking System	●	●	●
Driving Assistance Equipment	Yes	Yes	Yes
360-degree Surround View System	●	●	●
Adaptive Cruise Control (ACC)	●	●	●
Traffic Jam Assist (TJA)	●	●	●
Forward Collision Warning (FCW)	●	●	●
Automatic Emergency Braking (AEB)	●	●	●
Lane Departure Assistance (LDA)	●	●	●
Intelligent Drive Control (IDC)	●	●	●
Intelligent Speed Limit Information (ISLI)	●	●	●
Driving Mode	Energy-saving/Comfort/Sport/Snow	Energy-saving/Comfort/Sport/Snow	Energy-saving/Comfort/Sport/Snow
Autonomous Parking System	●	●	●
HiB Start Assist Control (HAC)	●	●	●
Remote Start	●	●	●
Makefile Remote Driving	●	●	●
Exterior Equipment			
Power Mirrors	●	●	●
17-inch Aluminum Alloy Wheels	●	●	●
17-inch Aluminum Alloy Wheels	●	●	●
Over-the-shoulder	●	●	●
Central Door Locking System	●	●	●
Trunk Keyless Start System	●	●	●
Bluetooth Key Starting the smartphone as a key	●	●	●
RFID Key Starting the smartphone's NFC module as a key	●	●	●
Door Lock Power Locking	●	●	●
Interior Equipment			
Standard Leather Steering Wheel	●	●	●
Multi-function Steering Wheel	●	●	●
Electronic Gear Shifter	●	●	●
12.3-inch Full LED Instrument Cluster	●	●	●
Whisper Mode	●	●	●
Wireless Phone Charging	●	●	●
150W Power Outlet	●	●	●
Luggage Compartment Shelf	●	●	●
Seat Equipment			
Independent Leather Seats	●	●	●
Driver's Seat with 8-way Power Adjustment	●	●	●
Front Passenger Seat with 4-way Manual Adjustment	●	●	●
Front Passenger Seat with 4-way Power Adjustment	●	●	●
Front Seat Heating	●	●	●
Rear Seat Heating (left/right-side)	●	●	●
Front Center Armrest	●	●	●
Other Equipment			
12.3-inch Adaptive Floating Pad	●	●	●
Intelligent Voice Interaction System	●	●	●
RFID Intelligent Cloud Services	●	●	●
Driver Head-up Display	●	●	●
In-car Wi-Fi System	●	●	●
CD/Bluetooth System	●	●	●
In-car Wi-Fi Functionality	●	●	●
OTA Intelligent Network Upgrade	●	●	●
Front USB Ports (2)	●	●	●
Rear USB Port (1)	●	●	●
Number of Speakers	1	1	1
Lighting Equipment			
LED Front Headlights	●	●	●
LED Taillight	●	●	●
LED Through-Tail Light	●	●	●
LED Through-Tail Light with LED Tail Light	●	●	●
LED High-Mount Brake Light	●	●	●
Luggage Compartment Lighting	●	●	●
LED Interior Light	●	●	●
Adjustable Height of Front Headlights	●	●	●
Automatic Front Headlight Activation	●	●	●
Pixel Headlights Pre-activation/Daytime Overdrive	●	●	●
Intelligent High and Low Beam Lights	●	●	●
Other Equipment			
Four Power Windows	●	●	●
Overhead Console	●	●	●
Front Window One-Touch Up/Down with Anti-Pinch Function	●	●	●
Front Window One-Touch Up/Down with Anti-Pinch Function	●	●	●
Electrically Adjustable Exterior Mirrors	●	●	●
Heated Exterior Mirrors	●	●	●
Power Folding Exterior Mirrors	●	●	●
Manual Anti-Glare Interior Rearview Mirror	●	●	●
Driver's Side View with Blind Spot Warning Mirror	●	●	●
Front Passenger's Side View with Blind Spot Warning Mirror	●	●	●
Front Window Dragger	●	●	●
Rear Window Wiper	●	●	●
Other Equipment			
Heat Pump Air Conditioning	●	●	●
Automatic Air Conditioning	●	●	●
PM2.5 Air Filter	●	●	●
Other Equipment			
High-Safety Block Battery	●	●	●
Battery Preheating Temperature Control System	●	●	●
V2L Mobile Charging Station	●	●	●
Overnight DC Charging	● (10.5)	● (10.5)	● (10.5)
Ultra-rapid DC Charging	● (13.0)	● (13.0)	● (13.0)
Resonance Charging System	●	●	●
Power up to 200 kW Charging	●	●	●

Note: All specifications are subject to change without notice.