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Tesla Model S configuration table

	Model S 2023 dual-motor all-wheel drive version	Model S 2023 tri-motor all-wheel drive Plaid version
Basic parameters		
Manufacturer level	Tesla (imported) Medium and large cars	Tesla (imported) Medium and large cars
Energy type	pure electric	pure electric
time to market	2023.01	2023.01
CLTC pure electric cruising range (km)	715	672
Fast charging time (hours)	-	-
Slow charging time (hours)	-	-
Fast charging percentage	-	-
Maximum power (kW)	493	750
Maximum torque (N·m)	-	-
Motor (Ps)	670	1020
Length*width*height (mm)	4970*1964*1431	4970*1964*1431
Body structure	5-door, 5-seater hatchback	5-door, 5-seater hatchback
Maximum speed (km/h)	250	322
Official 0-100km/h acceleration (s)	3.2	2.1
Vehicle warranty	Four years or 80,000 kilometers	Four years or 80,000 kilometers
First owner warranty policy	-	-
Body		
Length (mm)	4970	4970
Width (mm)	1964	1964
Height (mm)	1431	1431
Wheelbase (mm)	2960	2960
Front wheelbase (mm)	1690	1690
Rear wheelbase (mm)	1690	1690
Minimum turning radius (m)	6.15	6.15
Body structure	hatchback	hatchback
Car door opening method	swing door	swing door
Number of doors (number)	5	5

Number of seats (seats)	5	5
Front trunk volume (L)	89	89
Trunk volume (L)	793	793
Drag coefficient (Cd)	0.208	0.208
Curb weight (kg)	2089	2183
Maximum full load mass (kg)	2500	2590
Electric Motor		
Motor type	Front permanent magnet/synchronous rear AC/asynchronous	Permanent magnet/synchronous
Total motor power (kW)	493	750
Total motor power (Ps)	-	-
Total torque of motor (N • m)	-	-
Number of drive motors	Dual motor	Three motors
Motor layout	Front + rear	Front + rear
Battery Type	Ternary lithium battery	Ternary lithium battery
Battery brand	Matsushita	Matsushita
Battery cooling method	liquid cooling	liquid cooling
Exchange battery	not support	not support
CLTC pure electric cruising range (km)	715	672
Battery energy (kWh)	100	100
Electricity consumption per 100 kilometers (kWh/100km)	-	-
Battery pack warranty	Eight years or 240,000 kilometers	Eight years or 240,000 kilometers
Fast charging function	support	support
Fast charging time (hours)	-	-
Slow charging time (hours)	-	-
Fast charging capacity (%)	-	-
electric motor	493	750
Gearbox		
Number of gears	1	1
Gearbox type	fixed ratio gearbox	fixed ratio gearbox

abbreviation	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Chassis Steering		
Drive mode	Dual motor four-wheel drive	Three-motor four-wheel drive
four-wheel drive	Electric four-wheel drive	Electric four-wheel drive
Center differential structure	-	-
Front suspension type	Double wishbone independent suspension	Double wishbone independent suspension
rear suspension type	Multi-link independent suspension	Multi-link independent suspension
Assist type	electric assist	electric assist
Body structure	Load-bearing	Load-bearing
Wheel Brake		
Front brake type	ventilated disc	ventilated disc
rear brake type	ventilated disc	ventilated disc
Parking brake type	Electronic parking	Electronic parking
Front tire specifications	255/45 R19	255/45 R19
Rear tire specifications	285/40R19	285/40R19
Spare tire specifications	none	none
Passive Safety		
Main/passenger seat airbag	Main●/Deputy●	Main●/Deputy●
Front/rear side airbags	Before●/After-	Before●/After-
Front/rear head airbags (curtain airbags)	before●/after●	before●/after●
Tire pressure monitoring function	●Tire pressure display	●Tire pressure display
Run-flat tires	-	-
Seat belt not fastened reminder	●Front row	●Front row
ISOFIX child seat interface	●	●
ABS anti-lock	●	●
Braking force distribution (EBD/CBC, etc.)	●	●
Brake assist (EBA/BAS/BA, etc.)	●	●
Traction control (ASR/TCS/TRC, etc.)	●	●
Body stability control (ESC/ESP/DSC, etc.)	●	●
Active Safety		

Lane Departure Warning System	●	●
Active braking/active safety system	●	●
Fatigue driving tips	-	-
forward collision warning	●	●
Sentry mode/clairvoyance	●	●
Low speed warning	●	●
Built-in driving recorder	●	●
Driving Control		
Driving mode switch	●Sports ●Standard/Comfortable ●Snow	●Sports ●Standard/Comfortable ●Snow
Single pedal mode	●	●
energy recovery system	●	●
automatic parking	●	●
Hill assist	●	●
steep descent	-	-
Variable suspension function	●Suspension soft and hard adjustment ●Suspension height adjustment	●Suspension soft and hard adjustment ●Suspension height adjustment
air suspension	●	●
variable steering ratio	●	●
Driving Hardware		
Front/rear parking radar	-	-
Driving assistance images	●Reversing image	●Reversing image
Assisted driving chip	●Tesla FSD	●Tesla FSD
Chip total computing power	●144 TOPS	●144 TOPS
Number of cameras	●8 pieces	●8 pieces
Ultrasonic radar quantity	●12 pieces	●12 pieces
Millimeter wave radar quantity	●1 piece	●1 piece
Driving Function		
cruise system	●Full-speed adaptive cruise	●Full-speed adaptive cruise
Assisted driving system	●Autopilot	●Autopilot
Assisted driving level	●L2 OL3	●L2 OL3

satellite navigation system	●	●
Navigation traffic information display	●	●
Parallel assistance	●	●
Lane Keeping Assist System	●	●
Lane centering	●	●
Road traffic sign recognition	○	○
Automatic parking	○	○
remote control parking	●	●
Automatic lane change assist	○	○
Traffic light identification	○	○
remote summoning	○	○
Appearance/Anti-theft		
Rim material	●Aluminum alloy	●Aluminum alloy
Frameless design door	●	●
Electric trunk	●	●
Electric trunk position memory	●	●
Central locking in car	●	●
Key type	●Bluetooth key ●NFC/RFID key	●Bluetooth key ●NFC/RFID key
Keyless start system	●	●
Keyless entry function	●The whole car	●The whole car
Hidden electric door handle	●	●
Remote start function	●	●
Battery preheating	●	●
Exterior Lights		
Low beam light source	●LED	●LED
high beam light source	●LED	●LED
LED daytime running lights	●	●
Adaptive high and low beam	●	●
automatic headlight	●	●
car front fog lights	●LED	●LED
Headlight height adjustable	●	●

Delayed turn off of headlights	●	●
Skylight/Glass		
Skylight type	●The panoramic sunroof cannot be opened	●The panoramic sunroof cannot be opened
Front/rear electric windows	before●/after●	before●/after●
One-touch window lifting function	●The whole car	●The whole car
Window anti-pinch function	●	●
Car vanity mirror	●Main driver + lighting ●Co-pilot + lighting	●Main driver + lighting ●Co-pilot + lighting
rear wiper	-	-
Sensing wiper function	●Rain sensor type	●Rain sensor type
Heated water nozzle	●	●
Exterior Rearview Mirror		
Exterior rearview mirror function	●Electric adjustment ●Electric folding ●Rearview mirror memory ●Rearview mirror heating ●Automatic flip down when reversing ●Automatic folding when locking the car ●Automatic anti-dazzle	●Electric adjustment ●Electric folding ●Rearview mirror memory ●Rearview mirror heating ●Automatic flip down when reversing ●Automatic folding when locking the car ●Automatic anti-dazzle
Screen/System		
Central control color screen	●Touch LCD screen	●Touch LCD screen
Central control screen size	●17 inches	●17 inches
Bluetooth/car phone	●	●
Mobile phone interconnection/mapping	-	-
Voice recognition control system	●Multimedia system ●Navigation ●Telephone ●Air conditioning	●Multimedia system ●Navigation ●Telephone ●Air conditioning
rear LCD screen	●	●
Rear seat control multimedia	●	●
Intelligent Configuration		
Internet of Vehicles	●	●
4G/5G network	●4G	●4G
OTA upgrade	●	●
Mobile APP remote function	●Door control ●Charging management ●Air conditioning control ●Vehicle status inquiry/diagnosis ●Vehicle positioning/car search	●Door control ●Charging management ●Air conditioning control ●Vehicle status inquiry/diagnosis ●Vehicle positioning/car search

Active noise reduction	●	●
Steering wheel/Interior rearview mirror		
Steering wheel material	●Genuine leather	●Genuine leather
Steering wheel position adjustment	●Electric up and down + front and rear adjustment	●Electric up and down + front and rear adjustment
Shift pattern	●Touch screen shifting	●Touch screen shifting
Multifunction steering wheel	●	●
steering wheel gear shift	-	-
Steering wheel heating	●	●
steering wheel memory	●	●
Trip computer display screen	●Color	●Color
Full LCD instrument panel	●	●
LCD instrument size	-	-
Interior rearview mirror function	●Automatic anti-dazzle	●Automatic anti-dazzle
Charging in car		
Multimedia/charging interface	●USB ●Type-C	●USB ●Type-C
Number of USB/Type-C interfaces	●3 people in the front row/2 people in the back row	●3 people in the front row/2 people in the back row
Mobile phone wireless charging function	●Front row ●Back row	●Front row ●Back row
Seat Configuration		
seat material	●Imitation leather	●Imitation leather
Sports style seats	●	●
Main seat adjustment method	●Front and back adjustment ● Backrest adjustment ●Height adjustment (4-way) ●Waist support (4-way)	●Front and back adjustment ● Backrest adjustment ●Height adjustment (4-way) ●Waist support (4-way)
Secondary seat adjustment method	●Front and back adjustment ● Backrest adjustment ●Height adjustment (4-way) ●Waist support (4-way)	●Front and back adjustment ● Backrest adjustment ●Height adjustment (4-way) ●Waist support (4-way)
Main/passenger seat electric adjustment	Main●/Deputy●	Main●/Deputy●
Front seat functions	●Heating ●Ventilation	●Heating ●Ventilation
Power seat memory function	●Driving position	●Driving position

Adjustable buttons for the passenger seat and rear row	-	-
Second row seat adjustment	-	-
Second row seat functions	●Heating	●Heating
Rear seats fold down	●Inverted proportions	●Inverted proportions
Front/rear center armrest	before●/after●	before●/after●
Rear cup holder	●	●
Audio/Interior lighting		
Speaker brand name	-	-
Number of speakers	●22 speakers	●22 speakers
Car interior ambient lighting	●Single color	●Single color
Air conditioner/Refrigerator		
Air conditioning temperature control method	●Automatic air conditioning	●Automatic air conditioning
heat pump air conditioner	●	●
Independent air conditioning in the rear	●	●
Rear seat air outlet	●	●
Temperature zone control	●	●
Car air purifier	●	●
In-car PM2.5 filter device	●	●
Optional package		
	Basic assisted driving function (0) Yoke steering wheel (8000) Enhanced automatic assisted driving function (32000) Fully autonomous driving capability (64000)	Basic assisted driving function (0) Yoke steering wheel (8000) Enhanced automatic assisted driving function (32000) Fully autonomous driving capability (64000)
Exterior color	Chinese red, deep sea blue, starry sky gray, black, cold silver, pearl white	Pearl white, black, cold silver, deep sea blue, Chinese red, starry sky gray
interior color	black/white, black, black/beige	black/white, black, black/beige
Note: ●Standard ○ Optional - None		