	Model Y 2022 facelift rear-wheel drive version

Basic information

Manufacturers	Tesla China
level	Mid-size SUV
Type of energy	Pure electric
Time to market	2022.08
motor	Pure electric 264 hp
Pure electric cruising range (km) Ministry of Industry and Information Technology	545
Pure electric range (km) CLTC	545
Charging time (hours)	Fast charge for 1 hour Slow charge for 10 hours
Fast charge capacity(%)	20-80
Maximum power (kW)	194(264Ps)
Maximum torque(N·m)	340
Gearbox	Electric vehicle single-speed gearbox
LxWxH(mm)	4750x1921x1624
Body structure	5-door, 5-seat SUV
Maximum speed (km/h)	217
Official acceleration time per 100 km(s)	6.9
Power consumption per 100 km (kWh/<>km)	12.7kWh
Electrical energy equivalent fuel consumption (L/100km)	1.44
Vehicle warranty period	4 years or 8,<> km

at 6,<> km

bodywork

Length(mm)	4750
Width(mm)	1921
Height(mm)	1624
Wheelbase(mm)	2890
Front track(mm)	1636
Rear track(mm)	1636
Body structure	SUV
Number of doors (pcs)	5
How the door opens	Swing doors
Number of seats (pcs)	5
Kerb weight(kg)	1929
Full load mass(kg)	2335
Baggage compartment volume (L)	971-2158

motor

Electric motor description	Pure electric 264 hp
Motor type	Permanent magnet/synchronization
Total motor power (kW)	194
Total horsepower of electric motor (Ps)	264
Total torque of electric motor(N·m)	340
Maximum power of front motor (kW)	–
Maximum torque of front motor (N·m)	–
Maximum rear motor power (kW)	194
Maximum torque of rear motor (N·m)	340
Number of drive motors	Single motor
Motor layout	postposition

Battery/Charging

Battery type	Lithium iron phosphate battery
Cell brand	CATL era
Battery pack warranty	8 years or 16,<> km

Battery energy density(Wh/kg)	126.0
Battery charging	Fast charge for 1 hour Slow charge for 10 hours
	• Fast charging interface
Fast charge port location	Left side of rear taillights
Slow charge interface location	Left side of rear taillights
Battery temperature management system	• Low temperature heating
	• Liquid cooling
Single pedal mode	• Standard
Brand self-operated charging station	• Standard
VTOL mobile power station function	–
Charging pile	◦ Optional 1 pcs

Gearbox

Gearbox description	Electric vehicle single-speed gearbox 🔍
Number of gear bits	1
Gearbox type	Fixed gear ratio gearbox 🔍

Chassis/steering

Drive mode	Rear-mounted rear-drive
4WD type	–
Front suspension form	Double wishbone independent suspension 🔍
Rear suspension form	Multi-link independent suspension 🔍
Type of steering	Electric assist 🔍
Body structure	Load-bearing type 🔍

Wheels/brakes

Front brake type	Ventilated disc type 🔍
Rear brake type	Ventilated disc type
Parking brake type	Electronic parking 🔍
Front tire specifications	255/45 R19
Rear tire specifications	255/45 R19
Spare tire specifications	–
How the spare wheel is placed	–

ABS anti-lock braking	• Standard
Braking force distribution (EBD/CBC, etc.)	• Standard
Brake assist (EBA/BA, etc.)	• Standard
Traction control (TCS/ASR, etc.)	• Standard
Body stability systems (ESP/DSC, etc.)	• Standard
Active safety warning system	• Lane departure warning 🔍 • Forward collision warning 🔍
Active braking	• Standard
Parallel line assistance	• Standard
Lane keeping assist	• Standard
The lane is kept centered	• Standard
Tips for fatigued driving	–
Active DMS fatigue detection	• Standard
In-car vital signs detection	• Standard
Road traffic sign recognition	◦ Matching
Signal light recognition	◦ Matching
Night vision system	–

Passive safety • Standard ◦ Optional – not

Front airbags	• Main driver's seat • Co-pilot
Side airbags	• front row
Side air curtains	• Standard
Front knee airbags	–
Central airbag	• front row
Seat belt not fastened	• Standard
Tire pressure monitoring system	• Tire pressure display 🔍
Child seat interface (ISOFIX)	• Standard
Passive pedestrian protection	–
Safety tires	–

Auxiliary/manipulative configuration • Standard ◦ Optional – not

	• after
Departure reminder for the car in front	–
Driver assistance images	• Reversing image Icon
Cruise system	• Cruise control
	• Adaptive cruise
	• Full-speed adaptive cruise
Automatic lane change assist	◦ Matching
Automatic exit (entry) on ramps	◦ Matching
Level of assisted driving	• Level 2
	◦ Level 3
Automatic parking	◦ Matching
Reversing	–
Memory parking	–
AUTOHOLD	• Standard
Hill Assist (HAC)	• Standard
Steep Descent (HDC)	–
Variable suspension adjustment	–
Air suspension	–
Electromagnetic induction suspension	–
Variable steering ratio system	–
Front axle slip restriction method	–
Rear axle sliding limit	–
Center differential lock function	–
Low-speed four-wheel drive	–
Integral active steering system	–
Driving mode selection	–
	• snowfield
	• Standard comfort
Brake energy recuperation system	• Standard

External configuration	• Standard ◦ Optional – not
Sunroof type	• The panoramic sunroof cannot be opened
Light-sensitive canopy	–
Roof racks	◦ Matching
Sporty look kit	–
Electric spoiler	–
Actively closed grille	–
Aluminum alloy wheels	• Standard
Side footrest	–
Frameless design doors	• Standard
Concealed door handles	• Standard
Drag the hook	–

Internal configuration	• Standard ◦ Optional – not
Steering wheel material	• cortex
Steering wheel adjustment	• Up and down + front and back
The steering wheel is electrically adjustable	• Standard
Steering wheel function	• Versatile control
	• memory
	• heating
Trip computer screen	–
LCD meter style	–
LCD meter size (inch)	–

Comfort/anti-theft configuration	• Standard ◦ Optional – not
Electric suction door	–
Power rear tailgate	• Standard 📷 Icon
Inductive rear tailgate	–
Power rear tailgate position memory	• Standard
Interior central locking	• Standard
Type of key fob	◦ Smart key fob 📷 1200 RMB
	• Mobile phone Bluetooth key
	• NFC/RFID key
Keyless entry	• Full car 📷 Icon
Keyless start	• Standard 📷 Icon

Remote control of mobile vehicles	◦ Matching
Vehicle summoning function	◦ Matching
Head-up display (HUD)	–
Built-in dashcam	• Standard
Active noise cancellation	–
Wireless charging of mobile phones	• Standard 📷 Icon
Maximum power of wireless charging of mobile phone (W)	15
110V/220V/230V power outlet	–
12V power connector in the luggage compartment	• Standard

Seat configuration   • Standard   ◦ Optional   – not

Seat material	• Imitation leather
Sport-style seats	–
Seat layout	• 2+3
Second row of independent seats	–
Third row of seats	–
Electric seat adjustment	• Main driver's seat
	◦ Co-pilot
The main driver's seat is adjusted as a whole	• Move back and forth
	• Backrest angle
	• High and low adjustment
Local adjustment of the main driver's seat	• waist
The passenger seat is adjusted as a whole	• Move back and forth
	• High and low adjustment
	• Backrest angle
The passenger seat is partially adjusted	–
The second row of seats is adjusted as a whole	• Backrest angle adjustment
The second row seats are partially adjusted	–
Front seat features	• heating

Second row seat function	• heating
Third row seat function	–
Boss key	–
Front/rear armrests	• front row
	• Back
Rear cup holders	• Standard
Cup holders can be heated/cooled	–
Recline ratio of rear seats	• 40:20:40
The rear seats are reclined electrically	–
Second row of small tables	–

Smart connectivity	• Standard ◦ Optional – not
Center display size (inches)	• 15
Center console color screen resolution	1920x1080
Center console color screen pixel density (PPI)	• 147
Touch screen vibration feedback	–
Screen layout	• Single-screen central control layout
GPS navigation system	• Standard
AR reality navigation	–
Navigation traffic information display	• Standard
Roadside assistance services	–
Bluetooth/car phone	• Standard
Mobile phone interconnection mapping	–
Internet of Vehicles	• Standard
4G/5G networks	• 4G
OTA upgrades	• Standard
OTA version	2022.36.6
Facial recognition	–
Fingerprint recognition	–
Voiceprint recognition	–
Emotion recognition	–

Voice wake-free function	–
Voice zone wake-up recognition function	• Master driving
Continuous speech recognition	–
Visible can be said	–
Voice assistant wake words	–
Gesture control function	–
Wi-Fi hotspots	–

Audio-visual entertainment	• Standard ◦ Optional – not
Multi-finger flyscreen control	–
App store	• Standard
Multimedia interface	• USB/Type-C
Number of USB/Type-C interfaces	• 2 in the front row • 2 in the back
USB/Type-C maximum charging power	–
Car TV	–
Rear LCD screen	–
Simulate sound waves	–
K song function	• Standard
Car machine Easter eggs	• Standard
Audio brand	–
Number of speakers (pcs)	• 14
Rear multimedia control	–

Lighting configuration	• Standard ◦ Optional – not
Dipped beam	• LED
High beam	• LED ⊡
Daytime running lights	• Standard
Adaptive near and far light	• Standard
Automatic headlights	• Standard
Turn assist lights	–
Front fog lights	–
Through-type headlamps	–
Through-type taillights	–
Headlamp Steering (AFS)	–

Headlamp cleaning function	–
Interior mood lights	• monochrome
Active ambient lighting	–
Lighting features	• Matrix 🖻
Headlights turn off with a delay	• Standard
Headlight rain and fog mode	–

Glass/mirrors • Standard ◦ Optional – not	
Power windows	• front row
	• Back
The window is raised and lowered at the touch of a button	• Full car
Window anti-pinch function	• Standard
Exterior mirror function	• Electrically adjustable 📷 Icon
	• heating
	• Electric folding
	• memory
	• Reversing automatically rolls down
	• The lock car automatically folds
	• Automatic anti-glare
Interior mirror function	• Automatic anti-glare
In-car vanity mirror	• Main driver's seat + with lighting
	• The passenger seat + is illuminated
Rear privacy glass	• Standard
Sun blinds inside the car	–
Rain-sensing wipers	• Standard
Rear wipers	–
The rear window glass opens	–
Multi-layer acoustic glass	• Full car
Front windshield heating	–
Heatable spout	–

Air conditioning control mode	• automatic
Individual air conditioning in the rear	–
Rear exhaust air outlet	• Standard
Temperature zone control	• Dual zone air conditioning
Car air purifier	–
PM2.5 filter device in the car	• Standard
HEPA filtration unit	• Standard
Negative ion generator	–
In-car fragrance fixtures	–
Car refrigerator	–

Intelligent configuration

Assisted driving operating system	• Autopilot 🔎
Assisted driving chip	• HW
Assisted Driving Chip Computing Power (TOPS)	• 144
In-vehicle intelligent system	• Tesla In-Vehicle System software
In-vehicle smart chip	• AMD Ryzen
Vehicle system memory (GB)	• 16
Vehicle system storage (GB)	• 256
Mobile App remote control	• Digital key
	• Vehicle monitoring
	• Remote control
	• Charge management
	• Service appointments
Heat pump management system	• Standard
Maximum forward detection distance(m)	• 250
Number of exterior cameras (pcs)	• 8
Number of cameras in the car (pcs)	• 1
Number of ultrasonic radars (pcs)	• 12

Sub-meter high-precision positioning system	–
High-precision maps	–
Sentinel (clairvoyance) mode	• Standard
V2X communication	–

Optional package	• Standard ◦ Optional – not
Custom options	Optional exterior, interior, wheels, brakes 2 optional packs
Enhanced automated driver assistance	Auto-assisted guided driving: Automatically drive into and out of highway ramps or overpass forks, overtake slow-moving vehicles, Auto-assisted lane change: automatically assist lane change on highways, Auto-parking: parallel parking vs. vertical parking, Smart Summon: In the right scenario, parked vehicles will respond to your call and drive out of the parking space and go to your location.
	◦ Matching 32000 RMB
Fully autonomous driving capability	Automatic Lane Change: Automatically assists lane changes on highways. Auto-assisted guided driving: Automatically drive into and out of highway ramps or overpass slow-moving vehicles. Smart Summoning: In the right scenario, a parked vehicle will respond to your call and drive out of the parking space and head to your location. Coming soon: Automated parking: parallel parking vs. vertical parking. Identify and react to traffic lights and stop signs. Automatic driving assistance on city streets.
	◦ Matching 64000 RMB

*The above parameter configuration information is for reference only, please refer to the actual vehicle for details
View the parameter configuration details ›