

(LHD) TESLA MODEL-Y EV AT MY2023 - BLACK

VEHICLE CODE: MODELVEV_1

Basic Parameters

Level: Mid-size SUV
Energy type: Pure Electric
Market time: 2022.08
CLTC pure electric range(km): 545
Fast Charging time(h): 1
Slow Charging time(h): 10
Total Motor power(kW): 194
Total Motor torque(N-m): 340
Max. Motor horsepower (PS): 264
Length × Width × Height(mm): 4750×1921×1624
Body type: 5-Door, 5-Seat SUV
Maximum speed(km/h): 217
Official 0-100km/h acceleration(s): 6.9
Electric energy equivalent fuel consumption(L/100km): 1.44



Bodywork

Length(mm): 4750
Width(mm): 1921
Height(mm): 1624
Wheelbase(mm): 2890
Front track width(mm): 1636
Rear track width(mm): 1636
Approach angle(°): 17
Departure angle(°): 18
Body Type: SUV
Door opening mode: Side hung door
Number of doors (pcs): 5
Number of seats (pcs): 5
Trunk volume(L): 2158
Curb weight(kg): 1929
Maximum full load mass (kg): 2335

Electric motor

Motor type: Permanent magnet / Synchronous
Total motor power(kW): 194
Total motor power (Ps): 264
Total motor torque(N-m): 340
Max. power of rear motor (kW): 194
Max. torque of rear motor(N-m): 340
Number of electric motors: Single motor
Motor layout: Rear
Battery Type: LFP
Battery brand: CATL
Battery cooling mode: Liquid cooling
CLTC pure electric range(km): 545
Replaceable batteries: None
Battery capacity(kWh): 60
Battery energy density (Wh/kg): 126
Power consumption per 100km(kWh/100km): 12.7
Battery warranty time: Eight years or 160,000 km
Fast charging time(h): 1
Slow charging time(h): 10

Gearbox

Number of gears: 1
Gearbox type: Fixed gear ratio gearbox
Abbreviations: Single-speed gearbox for electric vehicles

Chassis Steering

Drive method: Rear-mounted rear drive

Four-wheel drive form: -

Front Suspension type: Double wishbone independent suspension

Rear Suspension type: Multi link independent suspension.

Steering assistance type: Electric power assist

Body Structure: Load bearing

Wheel Brakes

Front brake type: Ventilated disk Type

Rear brake type: Ventilated disk Type

Parking brake type: Electronic parking

Front Tire specifications: 255/45 R19

Rear Tire specifications: 255/45 R19

Spare Tire specification: None

Active/Passive Security

Frontal airbags: Driver's/Passenger

Front/Rear Side airbags: Front.

Front/Rear Head airbags (air curtain): Front/Rear

Front row middle airbag

Tire pressure monitoring: Tire pressure display

Seatbelt not fastened reminder: Full car.

ISOFIX Child seat interface

ABS anti-lock braking

Brake Force Distribution (EBD/CBC, etc.)

Brake Assist (EBA/BAS/BA etc.)

Traction Control (ASR/TCS/TRC etc.)

Body Stability Control (ESC/ESP/DSC etc.)

Lane change assist

Lane departure warning System

Lane keep assist System

Lane Centering Hold

Active Braking/Active Safety System

Front collision warning

Fatigue driving alert.

Driver Assistance

Front/Rear Parking sensors: Front/Rear

Parking camera System: Reversing video.

Cruise System: Full-speed Adaptive Cruise Control

Driving mode: Snow, Economy Standard/Comfort

Brake energy recovery

Auto Hold

Hill-start assist control.

Auxiliary driving system: Autopilot

Auxiliary driving level: L2

External / Anti-Theft

Glass roof type: Panoramic fixed glass roof
Rim material: Aluminium alloy
Frameless design door
Power Liftgate
Power Liftgate position memory
Internal control of car lock
Key type: Bluetooth key/ NFC/RFID key
Keyless start System
Keyless entry System: Full car
Remote start
Low speed driving warning
Sentry mode/Clairvoyant
Battery preheating

Internal

Steering wheel material: Genuine Leather
Steering wheel adjustment range: Power Up/Down + Front/Rear
Multifunction steering wheel
Shift pattern: Electronic gear shifting.
Steering wheel heating
Steering wheel memory
Car computer monitor: Multicolour
Built-in driving Recorder
Wireless charging of phones: Front row

Seat

Seat material: Imitation Leather
Driver's seat adjustment: Forward and Backward
Backrest adjustment
Up and Down (4 directions)
Lumbar support (4 directions)
Front passenger seat adjustment: Forward and Backward
Backrest adjustment
Up and Down (4 directions)
Front seats electrically adjustable: Driver's/Passenger
Front seat function: Heated
Front seat memory: Driver's
Second row seat adjustment: Backrest adjustment
Second row seat function: Heated
Second row independent seats
Rear seat down form: Proportional lowering.
Front/Rear seat centre armrest: Front/Rear
Rear cup holders

Multimedia

Central control color screen: Touch LCD
Central control color screen size: 15"
Satellite navigation
Navigation traffic information display
Bluetooth/Car Phone
Speech recognition control System: Multimedia System
Navigation
Telephone
Air conditioner
Internet of vehicles
4G/5G Network: 4G
OTA Upgrade
Multimedia/Charging port: USB/Type-C
Number of USB/Type-C ports: Front 3/Rear 2
12V Power port in trunk
Number of speakers: 14
Mobile APP remote control: Door control
Vehicle start
Charging management
Air conditioning control
Vehicle condition query/diagnosis
Vehicle location/searching

Lighting

Low Beam light source: LED
High Beam light source: LED
LED Daytime running lights
Automatic Low Beam high beam
Automatic Headlight
Headlight height adjustable
Follow me home
Interior ambient light: Monochrome

Glass / Mirror

Front/Rear Power windows: Front/Rear
One-touch Window up/down: Full car
Window anti-trap function
Multilayer soundproof glass: Full car
Exterior mirror function: Electric adjustment
Electric folding
Memory
Heated

Reversing automatic flip down
Lock car automatic folding
Automatic anti-dazzle
Interior mirror function: Automatic anti-dazzle
Rear side privacy glass
Sun visor vanity mirror: Driver's/Passenger seat
Sun visor vanity mirror lighting
Sensor wiper: Rainfall sensing type

Air Conditioner / Refrigerator

Air conditioning control: Automatic air conditioning
Heat pump air conditioner
Rear air conditioner vents
Zone temperature control: Two zone
Car air purifier
In-car PM2.5 filter

Intelligent hardware

Auxiliary driving chip: Tesla FSD
Chip financial strength: 144 TOPS
Number of cameras: 8
Number of ultrasonic radars: 12
Number of millimeter wave radars: 1



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