





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

VEHICLE CODE: MODELYEV_1

Basic Parameters

Manufacturers: Tesla China

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: Aluminum 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

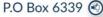
Second row seat function: Heated Second row independent seats















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

















