

Road vehicle descriptor

General Information

Vehicle type approval number:	VTA-060004 20210915
Make:	TESLA
Model:	Model Y
Marketing designation:	Model Y
Category:	M - Passenger Vehicle

Secure vehicle identifier / Vehicle plate details

Secure Vehicle Number:	
Location:	30-M-16
Compliance plate location:	

List of Variant(s)

SY6LR Variant Information

Variant Name:	SY6LR
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Front 3/4 Image:



Rear 3/4 Image:



Variant Details

Body style:	Multi-purpose vehicle
NSW body code:	Sedan
Seating options	5
Max. seating capacity (including driver)	
No. of doors side:	4
No. of doors rear:	1
Axle code:	2 Axles, single tyres front and rear
Tare mass (kg):	1923
Gross vehicle mass (kg):	2313
Maximum towing mass (braked trailer) (kg):	1600
Maximum towing mass (non-braked trailer) (kg):	750
Gross combination mass (kg):	
B-Double capable:	
Road train capable:	

Major Dimensions

Vehicle length (mm):	4750
Vehicle width (mm):	1921
Vehicle height (mm):	1624
Wheelbase (mm):	2890
Running clearance (mm):	167

Engine Details

Engine Motive Power:	Electric (E)
NEP (kw) (Engine):	255.00000
NEP (rpm) (Engine):	6000

Service Brake

Actuation type:	Hydraulic (H)
Front - Type:	Disc Ventilated (DIV)
Front - Diam (mm):	355
Front - Width (mm):	25
Rear - Type:	Disc Ventilated (DIV)
Rear - Diam (mm):	335
Rear - Width (mm)	20
Power assisted	Other (Oth)
Variant availability	Standard (S)

Transmission

Transmission type: Automatic (A)
Forward Gears: 1
Variant availability: Standard (S)
Variant Amount:

Tyre and Rim

Tyre designation (Tyre and Rim): 255/45R19 104W
Rim size & profile: 19X9.5J
Variant availability type: Std Front and Rear (SB)
Tyre designation (Tyre and Rim): 255/40R20 101 W
Rim size & profile: 20X9.5J
Variant availability type: Opt Front and Rear (OB)

Suspension

Vertical measurement of wheel centre to top of wheel arch opening at:

Unladen Mass
Front: 434
Rear: 440

Full Bump
Front: 424
Rear: 418

Minimum acceptable vertical measurement of wheel centre to top of wheel arch:
Variant availability type:

Front: 431
Rear: 433
Standard (S)

Standard equipment or Options

Name: Air conditioning - Standard Equipment Option
Variant availability type: Standard (S)

LY5LD Variant Information

Variant Name: LY5LD

Front 3/4 Image:



Rear 3/4 Image:



Variant Details

Body style:	Multi-purpose vehicle
NSW body code:	Sedan
Seating options	5
Max. seating capacity (including driver)	
No. of doors side:	4
No. of doors rear:	1
Axle code:	2 Axles, single tyres front and rear
Tare mass (kg):	1981
Gross vehicle mass (kg):	2371
Maximum towing mass (braked trailer) (kg):	1600
Maximum towing mass (non-braked trailer) (kg):	750
Gross combination mass (kg):	
B-Double capable:	
Road train capable:	

Major Dimensions

Vehicle length (mm):	4750
Vehicle width (mm):	1921
Vehicle height (mm):	1624
Wheelbase (mm):	2890
Running clearance (mm):	167

Engine Details

Engine Motive Power:	Electric (E)
NEP (kw) (Engine):	378.00000
NEP (rpm) (Engine):	8000

Service Brake

Actuation type:	Hydraulic (H)
Front - Type:	Disc Ventilated (DIV)
Front - Diam (mm):	355
Front - Width (mm):	25
Rear - Type:	Disc Ventilated (DIV)
Rear - Diam (mm):	335
Rear - Width (mm)	20
Power assisted	Other (Oth)
Variant availability	Standard (S)

Transmission

Transmission type: Automatic (A)
Forward Gears: 1
Variant availability: Standard (S)
Variant Amount:

Tyre and Rim

Tyre designation (Tyre and Rim): 255/45R19 104W
Rim size & profile: 19X9.5J
Variant availability type: Std Front and Rear (SB)
Tyre designation (Tyre and Rim): 255/40R20 101 W
Rim size & profile: 20X9.5J
Variant availability type: Opt Front and Rear (OB)

Suspension

Vertical measurement of wheel centre to top of wheel arch opening at:

Unladen Mass
Front: 434
Rear: 440

Full Bump
Front: 424
Rear: 418

Minimum acceptable vertical measurement of wheel centre to top of wheel arch:
Variant availability type:

Front: 431
Rear: 433
Standard (S)

Standard equipment or Options

Name: Air conditioning - Standard Equipment Option
Variant availability type: Standard (S)

PY5LD Variant Information

Variant Name: PY5LD

{{#FrontImage_GAP}}

Front 3/4 Image:



{{/FrontImage_GAP}} {{#RearImage_GAP}}

Rear 3/4 Image:



{{/RearImage_GAP}}

Variant Details

Body style:	Multi-purpose vehicle
NSW body code:	Sedan
Seating options	5
Max. seating capacity (including driver)	
No. of doors side:	4
No. of doors rear:	1
Axle code:	2 Axles, single tyres front and rear
Tare mass (kg):	1997
Gross vehicle mass (kg):	2384
Maximum towing mass (braked trailer) (kg):	1600
Maximum towing mass (non-braked trailer) (kg):	750
Gross combination mass (kg):	
B-Double capable:	
Road train capable:	

Major Dimensions

Vehicle length (mm):	4750
Vehicle width (mm):	1921
Vehicle height (mm):	1624
Wheelbase (mm):	2890
Running clearance (mm):	167

Engine Details

Engine Motive Power:	Electric (E)
NEP (kw) (Engine):	393.00000
NEP (rpm) (Engine):	5500

Service Brake

Actuation type:	Hydraulic (H)
Front - Type:	Disc Ventilated (DIV)
Front - Diam (mm):	355
Front - Width (mm):	25
Rear - Type:	Disc Ventilated (DIV)
Rear - Diam (mm):	335
Rear - Width (mm)	22
Power assisted	Other (Oth)
Variant availability	Standard (S)

Transmission

Transmission type: Automatic (A)
Forward Gears: 1
Variant availability: Standard (S)
Variant Amount:

Tyre and Rim

Tyre designation (Tyre and Rim): 255/35R21 98 W
Rim size & profile: 21X9.5J
Variant availability type: Std Front Only (SF)
Tyre designation (Tyre and Rim): 275/35R21 103 W
Rim size & profile: 21X10.5J
Variant availability type: Std Rear Only (SR)

Suspension

Vertical measurement of wheel centre to top of wheel arch opening at:
Unladen Mass
Front: 434
Rear: 440
Full Bump
Front: 424
Rear: 418
Minimum acceptable vertical measurement of wheel centre to top of wheel arch:
Front: 431
Rear: 433
Variant availability type: Standard (S)

Standard equipment or Options

Name: Air conditioning - Standard Equipment Option
Variant availability type: Standard (S)

Typical vehicle identification number (VIN) details

VIN: LRWYHCE?????????
Location: 30-M-16 and 9-F-18 and 10-O-17

Engine Specifications

Motive power: Electric (E)
Configuration: OTHER: enter details in remarks (O)
Net engine power (kW): 255.00000
Net engine power (rpm): 6000
Battery type: Lithium-Ion
Battery capacity: 173 Ah
Alternative energy source: Yes
Typical engine number: 3D6
Location: 4-13-L

Variant(s) this engine is applicable and the mass variation

Variant: SY6LR
Mass variation (kg) - positive or negative variation from tare weight: Standard (S)

Motive power: Electric (E)

Configuration: OTHER: enter details in remarks (O)
Net engine power (kW): 378.00000
Net engine power (rpm): 8000
Battery type: Lithium-Ion
Battery capacity: 230 Ah
Alternative energy source:
Typical engine number: front: 3D3, rear: 3D7
Location: 4-13-L

Variant(s) this engine is applicable and the mass variation

Variant: LY5LD
Mass variation (kg) - positive or negative variation from tare weight: Standard (S)

Motive power: Electric (E)
Configuration:
Net engine power (kW): 393.00000
Net engine power (rpm): 5500
Battery type: Lithium-Ion
Battery capacity: 230 Ah
Alternative energy source:
Typical engine number: front: 3D3, rear: 3D6
Location: 4-13-L

Variant(s) this engine is applicable and the mass variation

Variant: PY5LD
Mass variation (kg) - positive or negative variation from tare weight: Standard (S)

Service brake specifications

Actuation type: Hydraulic (H)
Power assisted: Other (Oth)

Front

Type: Disc Ventilated (DIV)
Diameter (mm): 355
Width (mm): 25

Rear

Type: Disc Ventilated (DIV)
Diameter (mm): 335
Width (mm): 20

For which variant(s) is the service brake applicable and how is it available?

Variant: SY6LR
Variant availability type: Standard (S)

Variant: LY5LD
Variant availability type: Standard (S)

Actuation type: Hydraulic (H)
Power assisted: Other (Oth)

Front

Type: Disc Ventilated (DIV)
Diameter (mm): 355
Width (mm): 25

Rear

Type: Disc Ventilated (DIV)
Diameter (mm): 335
Width (mm): 22

For which variant(s) is the service brake applicable and how is it available?

Variant: PY5LD
Variant availability type: Standard (S)

Transmission data specifications

Transmission Type: Automatic (A)
Forward gears: 1

Variant(s) this transmission is applicable to, and the mass variation

Variant: SY6LR
Mass variation (kg) – positive or negative variation from tare weight: Standard (S)

Variant: LY5LD
Mass variation (kg) – positive or negative variation from tare weight: Standard (S)

Variant: PY5LD
Mass variation (kg) – positive or negative variation from tare weight: Standard (S)

Tyre and rim specifications

Tyre designation: 255/45R19 104W
Rim size and profile: 19X9.5J
Rim offset (mm): 921320000
Rim offset amount (mm): 45
Front wheel track (mm): 1636
Rear wheel track (mm): 1636

Variant(s) this tyre and rim is applicable to, and how it is available

Variant: SY6LR
Variant availability type: Std Front and Rear (SB)

Variant: LY5LD
Variant availability type: Std Front and Rear (SB)

Tyre designation: 255/40R20 101 W
Rim size and profile: 20X9.5J
Rim offset (mm): 921320000
Rim offset amount (mm): 45
Front wheel track (mm): 1636

Rear wheel track (mm): 1636

Variant(s) this tyre and rim is applicable to, and how it is available

Variant: SY6LR
Variant availability type: Opt Front and Rear (OB)

Variant: LY5LD
Variant availability type: Opt Front and Rear (OB)

Tyre designation: 255/35R21 98 W
Rim size and profile: 21X9.5J

Rim offset (mm): 921320000
Rim offset amount (mm): 40
Front wheel track (mm): 1636
Rear wheel track (mm): 1636

Variant(s) this tyre and rim is applicable to, and how it is available

Variant: PY5LD
Variant availability type: Std Front Only (SF)

Tyre designation: 275/35R21 103 W
Rim size and profile: 21X10.5J

Rim offset (mm): 921320000
Rim offset amount (mm): 48
Front wheel track (mm): 1636
Rear wheel track (mm): 1636

Variant(s) this tyre and rim is applicable to, and how it is available

Variant: PY5LD
Variant availability type: Std Rear Only (SR)

Suspension data specifications

Vertical measurement of wheel centre to top of wheel arch opening at "Unladen Mass"

Front (mm): 434 Rear (mm): 440

Vertical measurement of wheel centre to top of wheel arch opening at full bump

Front (mm): 424 Rear (mm): 418

Minimum acceptable vertical measurement of wheel centre to top of wheel arch

Front (mm): 431 Rear (mm): 433

Variant(s) this suspension is applicable to, and how it is available

Variant: SY6LR
Variant availability type: Standard (S)

Variant: LY5LD
Variant availability type: Standard (S)

Variant: PY5LD

Variant availability type: Standard (S)

Standard equipment or options affecting ADR compliance

Standard equipment

Air conditioning

Variant: SY6LR
Variant availability type: Standard (S)

Variant: LY5LD
Variant availability type: Standard (S)

Variant: PY5LD
Variant availability type: Standard (S)

Antilock brakes

Variant: SY6LR
Variant availability type: Standard (S)

Variant: LY5LD
Variant availability type: Standard (S)

Variant: PY5LD
Variant availability type: Standard (S)

Power windows

Variant: SY6LR
Variant availability type: Standard (S)

Variant: LY5LD
Variant availability type: Standard (S)

Variant: PY5LD
Variant availability type: Standard (S)

Power mirrors

Variant: SY6LR
Variant availability type: Standard (S)

Variant: LY5LD
Variant availability type: Standard (S)

Variant: PY5LD
Variant availability type: Standard (S)

Driver's airbag

Variant: SY6LR
Variant availability type: Standard (S)

Variant: LY5LD
Variant availability type: Standard (S)

Variant: PY5LD

Variant availability type: Standard (S)

Passenger's airbag

Variant: SY6LR
Variant availability type: Standard (S)

Variant: LY5LD
Variant availability type: Standard (S)

Variant: PY5LD
Variant availability type: Standard (S)

Central locking

Variant: SY6LR
Variant availability type: Standard (S)

Variant: LY5LD
Variant availability type: Standard (S)

Variant: PY5LD
Variant availability type: Standard (S)

Autonomous Steering

Variant: SY6LR
Variant availability type: Standard (S)

Variant: LY5LD
Variant availability type: Standard (S)

Variant: PY5LD
Variant availability type: Standard (S)

Navigate on autopilot

Variant: SY6LR
Variant availability type: Optional (O)

Variant: LY5LD
Variant availability type: Optional (O)

Variant: PY5LD
Variant availability type: Optional (O)