

**Test report number: RDW-2007/46-0109382**

**Reason for extension**

- Adding new infotainment computer
- Adding new low voltage (15.5V) li-ion battery
- Adding rear door laminated glass
- Adding interior cabin radar (Model Y)
- Adding new connectivity card
- Adding new glass component approvals
- Adding Superhorn (3-in-1 horn, alarm, speaker) AVAS version
- Upgrading interior infrared camera (Model Y)
- Updating windshield washer fluid pump (for 15.5V)
- Adding R55 device as rear tow device
- Changes to seat mechanism due to localized supplier
- Changes to 2nd row restraint system
- Adding far side airbag to driver seat
- Update 1st/2nd row foam; trim outline
- Update 2nd row buckle sensor
- Removing eCall overhead console control
- Adding GFBB version of side door and liftgate hinges
- Adding GFBB localized version of several electronics
- Adding wire winding version of rear DU to SR LFP+ M3
- Adding M3 Perf M50 hairpin wound DU variant
- Adding Gigafactory 4 (Berlin-Brandenburg) assembly plant
- Adding cargo mass to Model Y
- Adding European sourced perf brake pads (Model Y)
- Adding new version of performance brake rotors (Model Y)
- Adding updated perf brake pad friction material (Model 3)
- Updating UI (new format based on refreshed MS/X)
- Adding LG M50 (5L) battery variant of M3 Performance
- Adding vision/camera system to M3 AutoPark feature
- Adding VIN digit for DU amperage



**Worst case selection**

All certificates have been checked.

**Specifications of the test vehicle**

Make of the vehicle	: Tesla
Type of the vehicle	: 003
Vehicle category	: M1

**General test information**

Test conducted by	: A. Kijk in de Vegte, S.D. Hulscher
Place	: Zoetermeer (The Netherlands)
Date	: 19 November 2021



**SUBJECT**

**Whole Vehicle Type Approval**

**VEHICLE**

**Type 003**

**APPROVAL**

**e4\*2007/46\*1293\*21**

**Dec 31, 2021**

**CHANGES TO APPROVAL**

Adding new infotainment computer  
Adding 250kg cargo capacity to Sanyou brake disks  
Adding single EPAS ECU

**Contents**

Annex III Part I  
Annex III Part II  
Annex III Part III  
Certificate of Conformity Signatures  
Filled-out specimen of the CoC of the vehicle type  
RMI certificate

		SR RWD 5 seats Y#R##b#s5# (kg)	LR AWD 5 seats Y#D##b#s5# (kg)	Performance Y#D##p#s5# (kg)
2.6, 2.6.1	Mass in running order (MRO)	1984	2054	2072
	Front	944	1015	1025
	Rear	1040	1039	1047
2.6.2	Maximum mass of the optional equipment	15		12
	Front	-1		-3
	Rear	16		15
2.8, 2.8.1	Technically permissible maximum laden mass (TPMLM)	2549	2619	2634
	Front	1070	1141	1149
	Rear	1479	1478	1485
2.9	Technically permissible maximum mass on the axle (TPMAM)	---		
	Front	1350		
	Rear	1500		
2.11.1	Drawbar trailer:	1600		
2.11.3	Center-axle trailer:			
2.11.5	Technically permissible maximum laden mass (TPMLM) of the combination:	4149	4219	4234
2.11.6	Maximum mass of unbraked trailer:	750		
2.12.1	Technically permissible maximum static vertical load/mass on the vehicles coupling point of the motor vehicle:	100		







COMPLETE VEHICLES  
EC CERTIFICATE OF CONFORMITY

The undersigned: Suraj Nagaraj - Director, Homologation Engineering,  
hereby certifies that the vehicle:

0.1	Make	:	Tesla
0.2	Type	:	003
	Variant	:	Y5CD
	Version	:	BZb3s5T3
0.2.1	Commercial Name	:	Model Y
0.2.3	Identifiers (if applicable) (t)	:	
0.2.3.1	interpolation family's identifier	:	IP-09_31127-5YJ-1
0.2.3.4	Roadload family's identifier	:	RL-09_31128-5YJ-1
0.4	Vehicle Category	:	M1
0.5	Company name and address of the manufacturer	:	Tesla, Inc. 3500 Deer Creek Rd Palo Alto, CA 94304 United States of America
0.6	Location and method of attachment of the statutory plates	:	Adhesive label fitted to left-hand side B Pillar door shut face
	Location of the vehicle identification number	:	1st row RHS seat on crossmember
0.9	Name and address of the manufacturer's representative	:	Tesla Motors Netherlands B.V. Asteriastraat 1-7 5047 RM Tilburg The Netherlands
0.10	Vehicle identification number	:	LRWYGCEK4MC069 [REDACTED]
0.11	Date of manufacture of the vehicle	:	31 July 2021
	Conforms in all respects to the type described in approval	:	e4*2007/46*1293*19
	Issued on	:	July 30th, 2021

And can be permanently registered in Member States having right hand traffic and using metric units for the speedometer

Place	:	Fremont, California, USA
Date	:	31 July 2021



General construction characteristics		
1	Number of axles and wheels	: 2 axles, 4 wheels
3	Powered axles (number, position, interconnection)	: 2, front and rear axles, separate motors
3.1	Specify if the vehicle is non-automated/automated/fully automated	: Non-automated
Main dimensions		
4	Wheel base	: 2890 mm
4.1	Axle spacing	: Not applicable
5	Length	: 4750 mm
6	Width	: 1921 mm
7	Height	: 1624 mm
Masses		
13	Mass in running order	: 2056 kg
13.2	Actual mass of the vehicle	: 2056 kg
16	Technically permissible maximum masses	:
16.1	Technically permissible maximum laden mass	: 2371 kg
16.2	Technically permissible maximum mass on each axle	: 1: 1363 kg 2: 1500 kg
16.4	Technically permissible maximum mass of combination	: 3971 kg
18	Technically permissible maximum towable mass in case of	:
18.1	Drawbar trailer	: 1600 kg
18.3	Centre-axle trailer	: 1600 kg
18.4	Unbraked trailer	: 750 kg
19	Technically permissible maximum static vertical mass at the coupling point	: 100 kg
Power plant		
20	Manufacturer of the engine	: Tesla, Inc.
21	Engine code as marked on engine	: 3D3 (front only); 3D7 (rear only)
22	Working principle	: 3 phase alternating current
23	Pure Electric	: Yes
23.1	Hybrid (electric) vehicle	: No
24	Number and arrangement of cylinders	: Not applicable
25	Engine capacity	: Not applicable
26	Fuel	: Not applicable
26.1	Mono fuel/BI fuel/Flex fuel	: Not applicable
27	Maximum Power	:
27.2	Maximum hourly output	: 65 kW
27.3	Maximum net power	: 158 kW (front); 220 kW (rear)
27.4	Maximum 30min power	: 65 kW (front), 88 kW (rear)
28	Gearbox (type)	: Fixed Ratio
28.1	Gearbox	: 9.04 (front), 9.04 (rear)
28.1.1	Final Drive Ratio	: Not applicable
Maximum speed		
29	Maximum speed	: 217 km/h
Axles and suspension		
30	Axles track	: 1: 1636 mm 2: 1636 mm
35	Tyre / wheel combination	: Axle 1 and 2: 255/45R19 104W - 19 x 9.5J 45mm Offset - C1 Class A
Brakes		
36	Trailer brake connections	: Not applicable
Bodywork		
38	Code for bodywork	: AF - Multi-purpose vehicle
40	Colour of vehicle	: White
41	Number and configuration of doors	: 5 doors, 2 front side, 2 rear side, 1 rear
42	Number of seating positions (including the driver)	: 2 front, 3 rear
42.1	Seats designated for use only when the vehicle is stationary	: Not applicable
42.3	Number of wheelchair user accessible positions	: Not applicable
Environmental performances		
46	Sound level	:
	Stationary	: Not applicable
	Drive-by	: 68 dB(A)
47	Exhaust emissions level	: AX
47.1	Parameters for emission testing	:
47.1.1	Test mass, kg:	: 2211 kg
47.1.2	Frontal Area, m <sup>2</sup> :	: 2.660
47.1.3	Road load coefficients	:
47.1.3.0	f <sub>0</sub> , N:	: 163.04 N
47.1.3.1	f <sub>1</sub> , N/(km/h):	: 1.059 N/(km/h)
47.1.3.2	f <sub>2</sub> , N/(km/h):	: 0.02658 (N/(km/h) <sup>2</sup> )
	(v) the following points 47.2. to 47.2.3. are inserted	:
47.2	Driving Cycle (C)	: WLTP
47.2.1	Driving Cycle Class: 1/2/3a/3b	: 3b
47.2.2	Downscaling factor (fdsc)	: Not applicable
47.2.3	Capped speed: yes/no	: No
48	Exhaust Emissions	: 715/2007* 2018/1832A X
48.1	Smoke corrected absorption coefficient	: Not applicable
49	CO <sub>2</sub> emissions / fuel consumption / electric energy consumption	:
	1. All power train except pure electric vehicles	: Not applicable
	2. Pure electric vehicles and OVC hybrid electric vehicles	:
	3. Vehicle fitted with eco-innovation(s)	: No
	3.1 General code of the eco-innovation(s)	: Not applicable
	3.2 Total CO <sub>2</sub> emissions savings due to the eco-innovation(s)	: Not applicable
	5. Pure electric vehicles and OVC hybrid vehicles, under Regulation (EU) 2017/1151 (if applicable)	:
	5.1 Pure electric vehicles	:
	Electric energy consumption	: 169 Wh/km
	Electric range	: 507 km
	Electric range city	: 607 km
Miscellaneous		
51	For special purpose vehicles: designation in accordance with Annex II Section 5	: Not applicable
52	Remarks	: Optional tyre: Axle 1 and 2: 255/40R20 101W - 20 x 9.5J 45mm Offset



# Zulassungsbescheinigung Teil I

(Fahrzeugscheine)

Nr. [REDACTED]

Europäische  
Gemeinschaft



Bundesrepublik  
Deutschland

Свидетельство за регистрация - Част I / Permiso de circulación. Parte I /  
Osvědčení o registraci - Část I / Registreringsattest. Del I /  
Registreerimistunnistus. Osa 1 / Άδεια κυκλοφορίας/Πρωτογενικό έγγραφο/  
Művelet / Registration certificate. Part I / Certificat d'immatriculation. Partie I /  
Prometna dozvola I / Carta di circolazione. Parte I / Reģistrācijas apliecība.  
I. daļa / Registrācijas liudzimas. I. daļa / Forgalmi engedély. I. rész / Certifikat  
ta' Registrazzjoni. L-1 Part / Kentekenbewijs. Deel I / Dowód Rejestracyjny.  
Część I / Certificado de matrícula. Parte I / Certificat de înmatriculare Partea I /  
Osvědčení o evidenci. Část I / Prometno dovoljenje. Del I /  
Rekisterintodistus. Osa 1 / Registreringsbeviset. Del I

A Amtliches Kennzeichen:

[REDACTED]

C.1.1 Nama oder Firmenname

[REDACTED]

C.1.2 Vyränäm(e)

[REDACTED]

C.1.3 Anschrift

[REDACTED]

X Nächste HU

(Monat und Jahr):

[REDACTED]

C.4C Der Inhaber der Zulassungsbescheinigung wird nicht als Eigentümer des  
Fahrzeugs ausgewiesen

B	15.09.2021	2.1	1480	2.2	ABD00001X
J	M1	4	AF		
E	LRWYGCEK4MC065			3	3
0.1	Tesla				
	003				
0.2	Y5CD				
	BZb3s5T3				
	-				
0.3	Model Y				
2	Tesla (USA)				
	Fz.z.Pers.bef.b. 8 Spl.				
5	Mehrzweckfahrzeug				
V9	715/2007*2018/1832AX				
14	2017/1151;WLTP;reine				
P.3	Elektrofz				
10	Elektro	14.3		P1	
22	0004		30AX		-

BATTERIEKAPAZITÄT 77KWH

L	2	9	2	P.2 P.4	153/---	T	217
18	4750-4750	19	1921-1921				
20	1624-1624	G	2056-2071				
12	-	13	100	Q	-		
V.7	-	F.1	2371	F.2	2371		
7.1	1363	7.2	1500	7.3	-		
8.1	1363	8.2	1500	8.3	-		
U.1	-	U.2	-	U.3	68		
0.1	1600	0.2	750	S.1	5	S.2	-
15.1	255/45R19 104W A						
15.2	255/45R19 104W A						
15.3	-						
R	Weiß	11	0				
K	e4*2007/46*1293*19						
6		17		16			
21	30.07.2021		K				



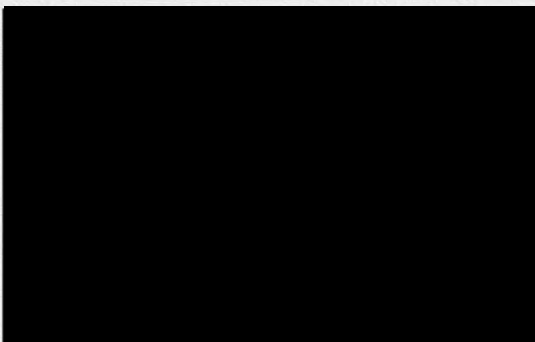


COMPLETE VEHICLES  
EC CERTIFICATE OF CONFORMITY

The undersigned: Suraj Nagaraj - Director, Homologation Engineering,  
hereby certifies that the vehicle:

0.1 Make : Tesla  
0.2 Type : 003  
Variant : Y5LD  
Version : BZb3s5T3  
0.2.1 Commercial Name : Model Y  
0.2.3 Identifiers (if applicable) (t) :  
0.2.3.1 interpolation family's identifier : IP-09\_31128-5YJ-1  
0.2.3.4 Roadload family's identifier : RL-09\_31128-5YJ-1  
0.4 Vehicle Category : M1  
0.5 Company name and address of the manufacturer : Tesla, Inc.  
3500 Deer Creek Rd  
Palo Alto, CA 94304  
United States of America  
0.6 Location and method of attachment of the statutory plates : Adhesive label fitted to left-hand side B Pillar door shut face  
Location of the vehicle identification number : 1st row RHS seat on crossmember  
0.9 Name and address of the manufacturer's representative : Tesla Motors Netherlands B.V.  
Asteriastraat 1-7  
5047 RM Tilburg  
The Netherlands  
0.10 Vehicle identification number : LRWYGCEK9NC218  
0.11 Date of manufacture of the vehicle : 31 December 2021  
Conforms in all respects to the type described in approval : e4\*2007/46\*1293\*21  
Issued on : December 31st, 2021

And can be permanently registered in Member States having right hand traffic and using metric units for the speedometer



Place : Fremont, California, USA  
Date : 31 December 2021



**General construction characteristics**

1	Number of axles and wheels	:	2 axles, 4 wheels
3	Powered axles (number, position, interconnection)	:	2, front and rear axles, separate motors
3.1	Specify if the vehicle is non-automated/automated/fully automated	:	Non-automated

**Main dimensions**

4	Wheel base	:	2890 mm
4.1	Axle spacing	:	Not applicable
5	Length	:	4750 mm
6	Width	:	1921 mm
7	Height	:	1624 mm

**Masses**

13	Mass in running order	:	2054 kg
13.2	Actual mass of the vehicle	:	2054 kg
16	Technically permissible maximum masses	:	
16.1	Technically permissible maximum laden mass	:	2619 kg
16.2	Technically permissible maximum mass on each axle	:	1: 1350 kg 2: 1500 kg
16.4	Technically permissible maximum mass of combination	:	4219 kg
18	Technically permissible maximum towable mass in case of	:	
18.1	Drawbar trailer	:	1600 kg
18.3	Centre-axle trailer	:	1600 kg
18.4	Unbraked trailer	:	750 kg
19	Technically permissible maximum static vertical mass at the coupling point	:	100 kg

**Power plant**

20	Manufacturer of the engine	:	Tesla, Inc.
21	Engine code as marked on engine	:	3D3 (front only); 3D7 (rear only)
22	Working principle	:	3 phase alternating current
23	Pure Electric	:	Yes
23.1	Hybrid (electric) vehicle	:	No
24	Number and arrangement of cylinders	:	Not applicable
25	Engine capacity	:	Not applicable
26	Fuel	:	Not applicable
26.1	Mono fuel/Bi fuel/Flex fuel	:	Not applicable
27	Maximum Power	:	
27.2	Maximum hourly output	:	65 kW
27.3	Maximum net power	:	158 kW (front); 220 kW (rear)
27.4	Maximum 30min power	:	65 kW (front), 88 kW (rear)
28	Gearbox (type)	:	Fixed Ratio
28.1	Gearbox	:	9.04 (front), 9.04 (rear)
28.1.1	Final Drive Ratio	:	Not applicable

**Maximum speed**

29	Maximum speed	:	217 km/h
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**Axles and suspension**

30	Axle track	:	1: 1636 mm 2: 1636 mm
35	Tyre / wheel combination	:	Axle 1 and 2: 255/45R19 104W - 19 x 9.5J 45mm Offset - C1 Class A

**Brakes**

36	Trailer brake connections	:	Not applicable
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**Bodywork**

38	Code for bodywork	:	AF - Multi-purpose vehicle
40	Colour of vehicle	:	White
41	Number and configuration of doors	:	5 doors, 2 front side, 2 rear side, 1 rear
42	Number of seating positions (including the driver)	:	2 front, 3 rear
42.1	Seats designated for use only when the vehicle is stationary	:	Not applicable
42.3	Number of wheelchair user accessible positions	:	Not applicable

**Environmental performances**

46	Sound level	:	
	Stationary	:	Not applicable
	Drive-by	:	68 dB(A)
47	Exhaust emissions level	:	AX
47.1	Parameters for emission testing	:	
47.1.1	Test mass, kg:	:	2211 kg
47.1.2	Frontal Area, m <sup>2</sup> :	:	2.660
47.1.3	Road load coefficients	:	
47.1.3.0	f <sub>0</sub> , N:	:	163.04 N
47.1.3.1	f <sub>1</sub> , N/(km/h):	:	1.059 N/(km/h)
47.1.3.2	f <sub>2</sub> , N/(km/h) <sup>2</sup> :	:	0.02658 (N/(km/h) <sup>2</sup> )
	(vi) the following points 47.2. to 47.2.3. are inserted	:	
47.2	Driving Cycle (.)	:	WLTP
47.2.1	Driving Cycle Class: 1/2/3a/3b	:	3b
47.2.2	Downscaling factor (fdsc)	:	Not applicable
47.2.3	Capped speed: yes/no	:	No
48	Exhaust Emissions	:	715/2007* 2018/1832AX
48.1	Smoke corrected absorption coefficient	:	Not applicable
49	CO <sub>2</sub> emissions / fuel consumption / electric energy consumption	:	
	1. All power train except pure electric vehicles	:	Not applicable
	2. Pure electric vehicles and OVC hybrid electric vehicles	:	
	3. Vehicle fitted with eco-innovation(s)	:	No
	3.1 General code of the eco-innovation(s)	:	Not applicable
	3.2 Total CO <sub>2</sub> emissions savings due to the eco-innovation(s)	:	Not applicable
	5. Pure electric vehicles and OVC hybrid vehicles, under Regulation (EU) 2017/1151 (if applicable)	:	
	5.1 Pure electric vehicles	:	
	Electric energy consumption	:	169 Wh/km
	Electric range	:	542 km
	Electric range city	:	655 km

**Miscellaneous**

51	For special purpose vehicles: designation in accordance with Annex II Section 5	:	Not applicable
52	Remarks	:	Optional tire: Axle 1 and 2: 255/40R20 101W - 20 x 9.5J 45mm Offset



# Zulassungsbescheinigung Teil I

(Fahrzeugschein)

Nr. [Redacted]

Europäische Gemeinschaft **(D)** Bundesrepublik Deutschland

Свидетельство за регистрация - Част I / Permiso de circulación, Parte I / Osvědčení o registraci - Část I / Registreringsattest, Del I / Registreerimistunnistus, Osa I / Άδεια κυκλοφορίας/Πιστοποιητικό Εγγραφής, Μήκος I / Registration certificate, Part I / Certificat d'immatriculation, Partie I / Prometna dozvola I / Carta di circolazione, Parte I / Registrācijas apliecība, I-dalja / Registrācijas liudzimas, I-daljs / Forgalmi engedély, I. Rész / Certifikat ta' Registrazzjoni, L-I Part / Kentekenbewijs, Deel I / Dowód Rejestracyjny, Część I / Certificado de matricula, Parte I / Certificat de Immatriculare Partea I / Osvedčenie o evidencii, Časť I / Prometno dovoljenje, Del I / Rejistrerintodistus, Osa I / Registreringsbesvæet, Del I

A Amtliches Kennzeichen [Redacted]

C.1.1 Name oder Vorname [Redacted]

C.1.2 Vorname(n) [Redacted]

C.1.3 Anschrift [Redacted]

X Nächste HU (Monat und Jahr): [Redacted]  
Fahrzeugs ausgewiesen.

B 31.01.2022 21 1480 2.2 ABD000069

J M1 4 AF

E LRWYGCEK9NC218 [Redacted] 3 3

D.1 Tesla

003

D.2 Y5LD

BZb3s5T3

-

D.3 Model Y

2 Tesla (USA)

5 Fz.z.Pers.bef.b. 8 Spl.

Mehrzweckfahrzeug

V.9 715/2007\*2018/1832AX

14 2017/1151; WLTP; REINE E-FZ

P.3 Elektro

10 0004 14.1 30AX P.1 -

22 BATTERIEKAPAZITÄT 79KWH

L 2 9 2 P.2 P.4 153/--- T 217

18 4750-4750 19 1921-1921

20 1624-1624 G 2054-2069

12 - 13 100 Q -

V.7 - F.1 2619 F.2 2619

7.1 1350 7.2 1500 7.3 -

8.1 1350 8.2 1500 8.3 -

U.1 - U.2 - U.3 68

0.1 1600 0.2 750 S.1 5 S.2 -

15.1 255/45R19 104W A

15.2 255/45R19 104W A

15.3 -

R Weiß 11 0

K e4\*2007/46\*1293\*21

6 31.12.2021 17 K 16 [Redacted]

21 -