

PART 2 VEHICLE CATEGORY M2 (complete and completed vehicles)

General construction characteristics

1. Number of axles and wheels : -
- 1.1. Number and position of axles with twin wheels: ... 2. Steered axles (number, position): ...
3. Powered axles (number, position, interconnection) : -
- 3.1. Specify if the vehicle is non-automated/automated/fully automated: -

Main dimensions

4. Wheelbase : - mm
- 4.1. Axle spacing : 1-2: - 2-3: - 3-4: -
5. Length : **7367 mm**
- 5.2. Elongated Cabs complying with Article 9a of Directive 96/53/EC: -
- 5.3. Vehicle equipped with aerodynamic device or equipment on the front/rear/not equipped
6. Width : **2021 mm**
7. Height : **3050 mm**
9. Distance between the front end of the vehicle and the centre of the coupling device: ... mm
12. Rear overhang : **2021 mm**

Masses

13. Mass in running order : **3390 kg**
- 13.1. Distribution of this mass amongst the axles : 1. 1480 kg ; 2. 1910 kg
- 13.2. Actual mass of the vehicle : **3390 kg**
- 13.3. Additional mass for alternative propulsion : - kg
16. Technically permissible maximum masses;
- 16.1. Technically permissible maximum laden mass : **5000 kg**
- 16.2. Technically permissible mass on each axle : 1. 2000 kg 2. 3500 kg
- 16.3. Technically permissible mass on each axle group : 1. - kg 2. - kg
- 16.4. Technically permissible maximum mass of the combination : **7000 kg**
17. Intended registration/in service maximum permissible masses in national/international traffic
- 17.1. Intended registration/in service maximum permissible laden mass: - kg
- 17.2. Intended registration/in service maximum permissible laden mass on each axle: 1. - kg
- 17.3. Intended registration/in service maximum permissible laden mass on each axle group: 1. - kg
- 17.4. Intended registration/in service maximum permissible mass of the combination: - kg
18. Technically permissible maximum towable mass in case of : -
- 18.1. Drawbar trailer : -
- 18.3. Centre-axle trailer : **2000 kg**
- 18.4. Unbraked trailer : **750 kg**
19. Technically permissible maximum static mass at the coupling point : **100 kg**

Power plant

20. Manufacturer of the engine : -
21. Engine code as marked on the engine : -
22. Working principle : -
23. Pure electric: yes/no : -
- 23.1. Hybrid [electric] vehicle (yes/no) : -
24. Number and arrangement of cylinders : -
25. Engine capacity : - cm³
26. Fuel : -
- 26.1. Mono fuel/Bi fuel/Flex fuel : -
- 26.2. (Dual-fuel only) Type 1A/Type 1B/Type 2A/Type 2B/Type 3B
27. Maximum power : - kW at - min⁻¹
- 27.1. Maximum net power : - kW (Electric motor)
- 27.3. Maximum net power : - kW (Electric motor)
- 27.4. Maximum 30 minutes net power

28. Gearbox(type) : -
- 28.1. Gearbox ratios : 1st gear; 2nd gear; 3rd gear; 4th gear; 5th gear;
- 28.1.1. Final drive ratio : -
- 28.1.2. Final drive ratios: 1st gear; 2nd gear; 3rd gear; 4th gear; 5th gear

Maximum speed

29. Maximum speed : **100 km/h**

Axles and suspension

30. Axle(s) track : -
33. Drive axle(s) fitted with air suspension or equivalent: yes/no
35. Tyre and wheel combination : Axle 1: - Axle 2: -

Brakes

36. Trailer brake connections mechanical/electric/pneumatic/hydraulic (1) : -
37. Pressure in feed line for trailer braking system: - kPa

Bodywork

38. Code for bodywork : CA
39. Class of vehicle: class-I/Class-II/Class-III/Class-A/ Class B
41. Number and configuration of doors : 2
42. Number of seating positions (including the driver) : 21
- 42.1. Seat(s) designated for use only when the vehicle is stationary : 0
- 42.3. Number of wheelchair user accessible position : N/A
43. Number of standing places : 0

Coupling device

44. Number of the approval certificate or approval mark of coupling device(if fitted):
- 45.1. Characteristics values : D: / V: - / S: / U: -

Environmental performances

46. Sound level Stationary : - dB(A) at engine speed: min⁻¹
47. Drive-by : - dB(A)
- 47.1. Exhaust emission level : -
- 47.1.1. Parameters for emission testing of Vind (1)
- 47.1.1.1. Test mass, kg: ...
- 47.1.2. Frontal area, m² (161): ...
- 47.1.2.1. Projected frontal area of air entrance of the front grille (if applicable), cm²: ...
- 47.1.3. Road load coefficients
- 47.1.3.0. f₀, N: - 47.1.3.1. f₁, N/(km/h): - 47.1.3.2. f₂, N/(km/h): -
- 47.2. Driving cycle
- 47.2.1. Driving Cycle class : 1/2/3a/3b
- 47.2.2. Downscaling factor (fdsc) : -
- 47.2.3. Capped speed : yes/no
48. Exhaust emissions : Number of the base regulatory act and latest amending regulatory act applicable to the EC type-approval. In case of a regulatory act with two or more implementation stages, indicate also the implementation stage: 595/2009*2019/1939E

1.2 test procedure: Type I (Euro 5 or 6) or WHSC (EURO VI)

CO: - mg/kWh
NMHC: - mg/kWh
THC + NOx: - mg/kWh
Particulates (mass): - mg/kWh
Particulates (number): - #/kWh

THC: - mg/kWh
NOx: - mg/kWh
NH3: - ppm

2.2 test procedure: ETC WHTC (EURO VI)

CO: - mg/kWh
NMHC: - mg/kWh
CH4: - mg/kWh
Particulates (mass): - mg/kWh
Particulates (number) : #/kWh

NOx: - mg/kWh
THC: - mg/kWh
NH3: - ppm

vyuano ORV část II.
číslo: 460/163
Dne: -

- 1 - 11 - 2023

MĚSTSKÝ ÚŘAD
562 24 Ústí nad Orlicí



- 48.1. Smoke corrected absorption coefficient : - m⁻¹
48.2. Declared maximum RDE values (if applicable)
Complete RDE trip: NOx: -, Particles (number): -
Urban RDE trip: NOx: -, Particles (number): -
49. CO₂ emissions/fuel consumption/electric energy consumption (m) :-

1. all power train except pure electric vehicles	
CO ₂	Fuel
Urban conditions:	g/km
Extra-urban	g/km
Combined:	g/km
Weighted,	g/

2. Pure electric vehicles and OVC hybrid electric vehicles
Electric energy consumption (weighted, combined (1)) : - Wh/km
Electric range : - km

3. Vehicle fitted with eco-innovation(s) : No
3.1. General code of the eco-innovation(s) (p1) : -
3.2. Total CO₂ emissions savings due to the eco-innovation(s) (p2) (repeat for each reference fuel tested): -
3.2.1. NEDC savings: ... g/km (if applicable)
3.2.2. WLTP savings: ... g/km (if applicable)4.

All power trains, except pure electric vehicle, under Commission Regulation (EU) 2017/1151 (if applicable)

WLTP values	CO ₂ emissions	Fuel consumption
Low:	 g/km	 l/100
Medium:	 g/km	 l/100
High:	 g/km	 l/100
Extra High:	 g/km	 l/100 km
Combined:	 g/km	 l/100
Weighted, combined:	 g/km	 l/100

5. Pure electric vehicles and OVC hybrid electric vehicles, under Commission Regulation (EU) 2017/1151 (if applicable)

- 5.1. Pure electric vehicles
Electric energy consumption Wh/km
Electric range km
Electric range city km

5.2. OVC hybrid electric vehicles	
Electric energy consumption (EC _{acc, weighted})	 Wh/km
Electric range (EAER)	 km
Electric range city (EAER city)	 km

Miscellaneous

51. For special purpose vehicles: designation in accordance with point 5 of Part A of Annex I to Regulation (EU) 2018/858 of the European Parliament and of the Council: ...
52. Remarks: ...

202310408



CERTIFICATE OF CONFORMITY

For completed vehicles

MODEL B - PART 1

The under signed **Michal Erben** - authorized agent here by certifies that the vehicle:

- 0.1. Make (Trade name of the manufacturer): **BUS DESIGN**
0.2. Type : **907-BB50-1**
Variant : **500DB3**
Version : **BFEZY**
0.2.1. Commercial name(s) : **COMFORT ECO**
0.2.2. For multi-stage approved vehicles, type-approval information of the base/previous stages vehicle (list the information for each stage):
— Type : **906BB50**
— Variant : **VZU51500DXX**
— Version : **SE3EB3A2BEAX**
— Type-approval number, extension number : **e1*2007/46*0296*20**

0.2.3. Identifiers:

- 0.2.3.1. Interpolation family's identifier :
0.2.3.2. ATCT family's identifier :
0.2.3.3. PEMS family's identifier :
0.2.3.4. Roadload family's identifier :
0.2.3.5. Roadload matrix family's identifier (if applicable):
0.2.3.6. Periodic regeneration family's identifier :
0.2.3.7. Evaporative test family's identifier :

- 0.4. Vehicle category : **M2**
0.5. Company name and address of manufacturer : **Bus Design, s.r.o., CZ - 25101 Prague**
Zdebradská 56, Říčany - Jažovice

- 0.5.1. For multi-stage approved vehicles, company name and address of the manufacturer of the base/previous stage(s) vehicle : **Mercedes-Benz AG, DE-70372 Stuttgart**

- 0.6. Location and method of attachment of the statutory plates: **Laminated sticker fixed on the driver's seat pillar**

- 0.9. Name and address of the manufacturer's representative (if any) : -

- 0.10. Vehicle identification number : **W1V5KD3Z2RP621044**
0.11. Date of manufacture of the vehicle : **25.10.2023**

- (a) has been completed and altered as follows: **completed vehicle in category M2 and**
(b) conforms in all respects to the type described in approval **e6*2007/46*0374*02** granted on **July 01, 2022** and
(c) can be permanently registered in Member States having right/left hand traffic and using metric/imperial units for the speedometer and metric/imperial-units for the odometer (if applicable).

Place/Date :

Signature/Position :

Prague / 25.10.2023

Michal Erben - authorized agent



Attachment COC of the base vehicle Mercedes-Benz, 906BB50, VIN:W1V5KD3Z2RP621044.

4.	Extern aufladbare Hybridelektrofahrzeuge	entfällt
5.	Elektrische Reichweite extern aufladbarer Hybridelektrofahrzeuge	entfällt
49.1	Kryptografischer Hash der Aufzeichnungsdatei des Herstellers	-
49.2	Emissionsfreies schweres Nutzfahrzeug	-
49.3	Arbeitsfahrzeug	-
49.4	Kryptografischer Hash der Kundeninformationsdatei	-
49.5	Spezifische CO ₂ -Emissionen	gCO ₂ /tkm
49.6	Durchschnittlicher Nutzlastwert	t
49.7	Fahrzeuguntergruppe/-gruppe	-
Sonstiges		
52.	Anmerkungen zu 29: Unvollst. Fzge, die Höchstgeschw. ist bei Aufbaunahme festzulegen. zu 35: A1205/75R16C 110/108R auf 5,5Jx16 ET111; A2205/75R16C 110/108R auf 5,5Jx16 ET111 zu 44: ww. B1 55R - 010031, ww. E13 55 R - 01 4318, wenn werkseitig montiert. Bei Vervollst., a. d. Bestimmungen d. Aufbaulichlinie d. Herstellers einzuhalten. Ggfs. i. d. Unbedenklichkeitstabsch. notw. Fzge. erfüllt B1E-866.02. (100km/h) The max. speed shall be defined by the bodybuilder/ Max. rychlost stanoví výrobce nástavby	
54.	Fahrzeug ausgestattet mit	
55.	Nach der UN-Regelung Nr. 155 zertifiziertes Fahrzeug	
56.	Nach der UN-Regelung Nr. 156 zertifiziertes Fahrzeug	
amtliche Vermerke		Vermerke des Herstellers
Vermerke des KBA		W1V5KD3Z2RP621044
66E0 2222 00000000 -		
Zur Zulassung ist eine weitere Typgenehmigung erforderlich!		
7 2 576 20457		
COC_YAKI_N2_U_B1_60-2022-1177_VT-1_P11		
Vydáno ORV část II.		
číslo: [redacted]		
Dne: - 1 - 11 - 2023		
[redacted]		
[redacted]		
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 Mercedes-Benz	
EG-Übereinstimmungsbescheinigung für unvollständige Fahrzeuge	
Der Unterzeichner	Benjamin Kähler Jörg Homering
bestätigt hiermit, dass das Fahrzeug	
0.1	Fabrikmarke (Firmenname des Herstellers)
0.2	Typ
	Variante
	Version
0.2.1	Handelsbezeichnung
0.2.2.1	Zulässige Parameterwerte bei einer Mehrstufen-Typgenehmigung zur Verwendung der Emissionswerte des Basisfahrzeugs
	Tatsächliche Masse des endgültigen Fahrzeugs
	Technisch zulässige Gesamtmasse des endgültigen Fahrzeugs in beladenem Zustand
	Querschnittsfläche beim endgültigen Fahrzeug
	Rollwiderstand
	Querschnittsfläche des Lufteinlasses am Kühlergrill
0.2.3	Kennungen (falls zutreffend)
0.2.3.1	Kennung der Interpolationsfamilie
0.2.3.2	Kennung der ATCT-Familie
0.2.3.3	Kennung der PEMS-Familie
0.2.3.4	Kennung der Fahrwiderstandsfamilie
0.2.3.5	Kennung der Fahrwiderstandsmatrix-Familie
0.2.3.6	Kennung der Familie mit periodischer Regenerierung
0.2.3.7	Kennung der Verdunstungsprüffamilie
0.4	Fahrzeugklasse
0.5	Firmenname und Anschrift des Herstellers
0.6	Anbringungsstelle und Anbringungsart der vorgeschriebenen Schiefer
Am Fahreritzkasten außen, geliebt	
Anbringungsstelle der Fahrzeug-Identifizierungsnummer	
im Motorraum hinten	
0.9	Name und Anschrift des Bevollmächtigten des Herstellers
0.10	Fahrzeug-Identifizierungsnummer
0.11	Herstellungsdatum des Fahrzeugs
mit dem in der am 20.04.2023 erteilten Genehmigung e1*2007/46*0296*20 beschriebenen unvollständigen Typ in jeder Hinsicht übereinstimmt und ohne weitere Genehmigungen nicht zur fortwährenden Teilnahme am Straßenverkehr zugelassen werden kann.	
Stuttgart	30.08.2023
(Ort)	(Datum)
[redacted]	
[redacted]	
(Unterschrift)	
Leiter Gesamtfahrzeug Mercedes-Benz Vans	
(Dienststellung)	
(Unterschrift)	
Leiter Qualitätsmanagement Mercedes-Benz Vans	
(Dienststellung)	
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