VEHICLE TECHNICAL DOSSIER / CATEGORY M3

RAPIDCOC DEMO Buses & minibuses / M3

Bus / Category M3

Scan to check authenticity

Vehicle identification number	SCHEMA-DEMO-NOT-A-VEHICLE

01 SYNTHETIC SCHEMA EXAMPLE

Demonstration only	Illustrative data. Not a real vehicle. Not valid for registration or issuance.

02 VEHICLE IDENTIFICATION

Manufacturer legal name	RapidCOC Demonstration Manufacturer	Manufacturer country	Illustrative EU market
Type	DEMO-TYPE	Variant	DEMO-VARIANT
Version	DEMO-VERSION	Model year	2026
Manufacture year	2026	Market specification	EU example

03 TYPE APPROVAL & COMPLETION

EU type approval	DEMO-APPROVAL-NOT-VALID	Approval date	2026-01-15
Approval extension	DEMO-01	Vehicle completion status	Complete (example)
Statutory plate location	Right-hand body pillar (example)		

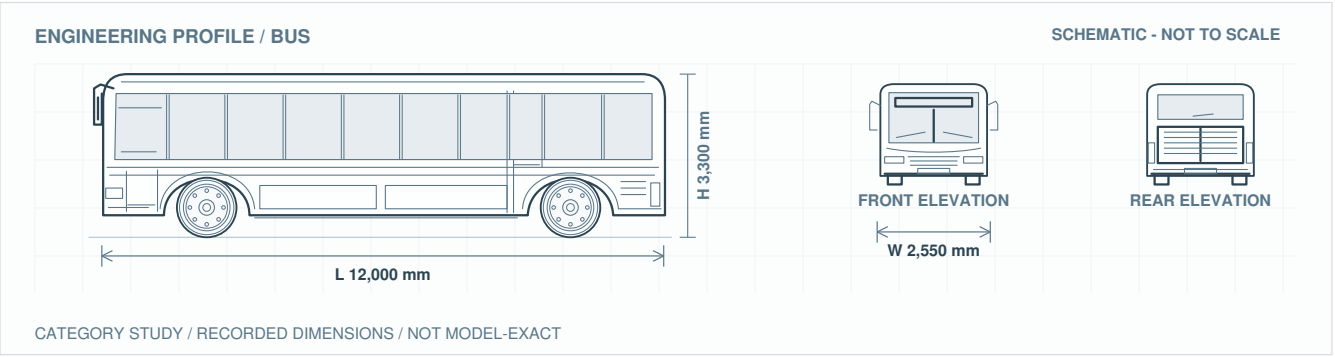
04 CONSTRUCTION STAGES

Stage	Manufacturer	Approval reference	Status
1	Demo manufacturer	DEMO-BASE	Complete

TECHNICAL DESCRIPTION / CATEGORY M3

Technical schema / M3

FIGURE 1 / CATEGORY-ADAPTED VEHICLE GEOMETRY



CATEGORY STUDY / RECORDED DIMENSIONS / NOT MODEL-EXACT

05 PASSENGER CAPACITY & ACCESS

Seated passenger places	40	Standing passenger places	25
Wheelchair places	1	Bus class	Class I (example)
Passenger exit doors	2	Accessible travel equipment	Kneeling suspension and ramp
Total occupant capacity	65	Capacity includes driver	Yes
Wheelchair ramp rated capacity	350 kg	Wheelchair restraint system	Four-point restraint (example)
Access step height	320 mm		

06 SAFETY EQUIPMENT

Automatic emergency braking	Yes	Blind-spot monitoring	Yes
Emergency call system	Yes		

07 BODY CONFIGURATION

Body type	Bus body	Body colour	Grey (example)
Seat count	40 seats including driver		

08 OVERALL DIMENSIONS

Overall length	12,000 mm	Overall width	2,550 mm
Overall height	3,300 mm	Wheelbase	6,000 mm
Front track	1,600 mm	Rear track	1,610 mm

CONTINUED TECHNICAL INFORMATION / CATEGORY M3

08 OVERALL DIMENSIONS (CONTINUED)

Front overhang	2,700 mm	Rear overhang	3,300 mm
Ground clearance	150 mm	Turning circle	11.2 m
Width including mirrors	2,900 mm	Turning circle between kerbs	11.2 m
Turning circle between walls	11.6 m		

09 MASSES, AXLE RATINGS & PAYLOAD

Mass in running order	12,500 kg	Unladen mass	12,425 kg
Maximum laden mass	19,000 kg	Axle 1 mass limit	7,500 kg
Axle 2 mass limit	12,000 kg	Payload	6,300 kg
Actual vehicle mass	12,700 kg	Registration maximum laden mass	19,000 kg
Optional equipment mass	200 kg		

10 AXLE CONFIGURATION

Number of axles	2	Axle arrangement	4x2
Twin tyres	No		
Individual axle specifications	Axle: 1 | Position: Axle 1 | Maximum mass kg: 7500 | Tyre: 275/70 R22.5 148/145J | Rim: 8.25x22.5 | Axle: 2 | Position: Axle 2 | Maximum mass kg: 12000 | Tyre: 275/70 R22.5 148/145J | Rim: 8.25x22.5		

11 WHEELS & RIMS

Wheel count	4	Front rim	8.25x22.5
Rear rim	8.25x22.5		

12 TYRES & APPROVED CONFIGURATIONS

Homologated alternative tyres	Position: Axle 1 | Tyre: 275/70 R22.5 148/145J | Rim: 8.25x22.5 | Conditions: Synthetic example configuration only | Position: Axle 2 | Tyre: 275/70 R22.5 148/145J | Rim: 8.25x22.5 | Conditions: Synthetic example configuration only
Selected Installed Configuration	Position: Axle 1 | Tyre: 275/70 R22.5 148/145J | Rim: 8.25x22.5 | Conditions: Synthetic example configuration only | Position: Axle 2 | Tyre: 275/70 R22.5 148/145J | Rim: 8.25x22.5 | Conditions: Synthetic example configuration only

Front tyre pressure	250 kPa	Rear tyre pressure	250 kPa

CONTINUED TECHNICAL INFORMATION / CATEGORY M3

12 TYRES & APPROVED CONFIGURATIONS (CONTINUED)

Tyre pressure load condition	Normal load, cold tyres (example)	Tyre pressure monitoring	Direct TPMS (example)

13 BRAKING SYSTEMS

Service brake	Dual-circuit pneumatic EBS	Parking brake	Spring-applied pneumatic
Front brake type	Ventilated discs	Rear brake type	Discs
Anti-lock braking	Yes	Front brake disc diameter	320 mm
Rear brake disc diameter	300 mm		

14 SUSPENSION

Front suspension	Air suspension	Rear suspension	Air suspension

15 STEERING

Steering system	Rack and pinion	Steering side	Left
Power steering	Electric power assistance		

16 ENGINE & PROPULSION

Fuel/energy type	Diesel	Propulsion type	Internal combustion
Engine designation	DEMO-ENGINE	Displacement	7,700 cm³
Maximum net power	220 kW	Speed at maximum power	2000 rpm
Maximum torque	1200 N·m	Working principle	Compression ignition
Cylinders	6	Cylinder configuration	In-line
Engine cycles	4	Induction technology	Turbocharged
Injection method	Direct injection	Cooling method	Liquid cooling
Engine speed at maximum torque	2000 rpm	Fuel tank capacity	55 L

17 DRIVETRAIN & PERFORMANCE

Driven wheels	Front-wheel drive	Design speed	190 km/h

CONTINUED TECHNICAL INFORMATION / CATEGORY M3

18 TRANSMISSION

Gearbox type	Automatic	Number of gears	7
Final drive ratio	3.2	Reverse gears	1
Forward gear ratios	Gear: 1 | Ratio: 3.8 | Gear: 2 | Ratio: 2.3 | Gear: 3 | Ratio: 1.6 | Gear: 4 | Ratio: 1.2 | Gear: 5 | Ratio: 1 | Gear: 6 | Ratio: 0.8 | Gear: 7 | Ratio: 0.6		

19 SOUND MEASUREMENTS

Stationary noise	73 dB(A)	Stationary engine speed	3000 rpm
Drive-by noise	69 dB(A)		

20 EMISSIONS & TEST PROCEDURE

Emissions standard	Euro VI (example)	Emissions test procedure	WHTC (illustrative)
Heavy-duty test cycle	WHTC	NOx per engine work	0.35 g/kWh

21 ELECTRICAL SYSTEMS

Nominal system voltage	24 V

22 COUPLING EQUIPMENT

Coupling approval mark	DEMO-COUPLING-NOT-VALID

DOCUMENT RECORD

Issue record	Document reference	Revision
SAMPLE - NOT ISSUED	QA-SCHEMA-7-M3-ICE	01