

OREOS M20

The Electric minibus

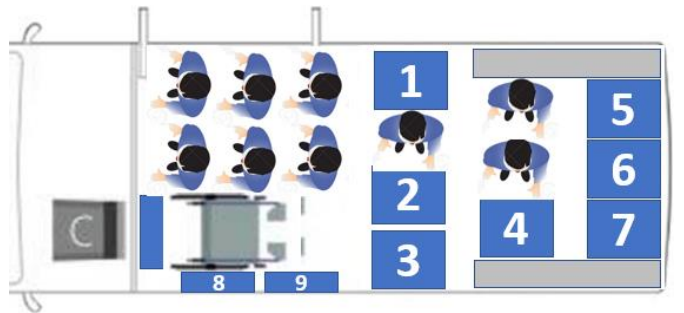
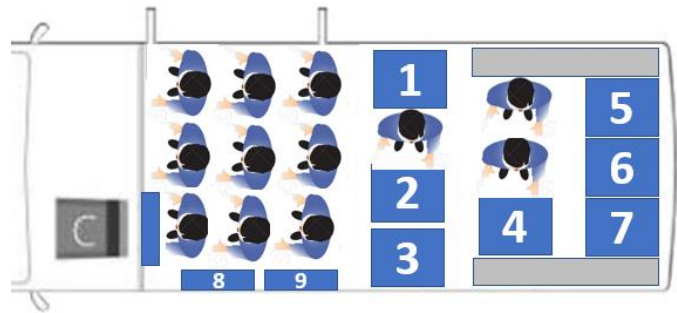


Renault Group



Electric by PVI

*100% electric Minibus 4,5T
 19 passengers – Flat & low floor @ 250mm
 Autonomy up to 150 km – Fast charge @22kW*



*No CO₂ emission / low noise emission
 Regenerative braking / Connected vehicle / Electric AC*

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The Electric minibus



**Renault
Group**

Dimensions & Configuration

Length	6 225 mm
Cabin width with/without mirrors	2 470 / 2 070 mm
Height	2 750 mm
Front overhang	842 mm
Wheelbase	4 332 mm
Rear overhang	1 040 mm
Floor height Front/Rear	250/350 mm
Internal height Front/Rear	1 900/1 800 mm
Minimum ground clearance	160 mm
Internal width	1 765 mm
Total turning radius	8 000 mm
Turning radius between sidewalk	7 800 mm
Suspensions Front/Rear	Independent mechanical suspensions
Types Front/Rear	235/75 R16 (single wheels)
Double electric sliding door with anti-pinch system	
9 seated passengers + 10 standing passengers + driver	
7 seated passengers + 9 standing passengers + 1 wheelchair + driver	

Powertrain & H2 system & Weight & Performances

Type	Traction
Electric motor	Renault
Power / Torque	57 kW / 225 Nm
Lithium-Ion battery capacity	33 kWh
Battery voltage	400 V
Onboard charger	7 kW
(possible charge @22kW via an external charging plug)	
GVW	4 500 kg
Front axle capacity (min / max)	1 450 kg / 1 850 kg
Rear axle capacity (min / max)	1 550 kg / 2 800 kg
Payload	1 500 kg
Charging time @7kW	6 hours @80%
Charging time @ 22kW	2 hours @80%
Max speed	70 km/h
Autonomy	up to 150 km without A/C

Basic equipment

ABS / Drivers airbag / ESP / LDWS / AEBS
 Suspended driver's seat
 Hill start system
 Electric air conditioning & heating system for the driver
 Additional thermal heating system for passengers
 Heated rear-view mirror
 Onboard computer & Radio R&GO
 Fog maker system
 Bus stopping sign
 Roof mounted continuous lighting strips
 Manual flip ramp to side entrance
 Specific wheelchair area
 Non slip vinyl walkway floor covering TBC
 Charging cable 32A - 6m

Options

Electric air conditioning system for passengers
 Window slider
 Reverse alarm & camera & radar
 Anti-fog lights
 Destination signs (Front + lateral + rear + internal)
 Electrical predispositions
 Passengers counting system
 Camera video control system
 Internal TFT screen for passengers
 Passenger ticketing system
 USB kit for passengers
 Cash area for the driver
 Digital breathalyser
 Specific covering or painting



NOTA : Pictures and figures are given just for information