

Renault Twingo Z.E. Technical features

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ENGINE	R80
DRIVING RANGE	
Homologation protocol	WLTP ⁽¹⁾
Homologated range in combined cycle (km) ⁽²⁾	180
Homologated consumption in combined cycle (Wh/km)	163
Wheel size of the homologated version ⁽⁴⁾	15"
Average range in real life condition summer / winter (km)	180 / 110
ENGINE	
Electric engine technology	Synchronous with rotor coil
Peak power kW EEC (h.p.) / at peak power rating (rpm)	60 (81) / from 3,950 to 11,450
Peak torque Nm EEC (Nm) / at peak power rating (rpm)	160 / from 500 to 3,590
BATTERY	
Usable capacity (kWh)	21.3
Technology	Lithium-ion
Total voltage (volts)	400
Number of modules / cells	8
Battery weight (kg)	165
CHARGE TIME⁽³⁾	
Charger	Adaptable for single or three-phase power AC (from 2 kW to 22 kW)
2,3kW Home socket (10A single phase) (0-100%)	13 hours and 30 minutes
Green-Up socket / 3,7kW Wallbox (16A single phase) (0-100%)	8 hours
7,4kW Wallbox (32A three phase) (0-100%)	4 hours
11 kW charging point (16A three phase) (0-80%)	2 hours and 10 minutes
22kW charging point (32A three phase) (0-80%)	63 minutes

(1) WLTP: Worldwide Harmonized Light Vehicles Test Procedures. 57% urban driving, 25% suburban driving, 18% highway driving.

(2) Data pending approval. With WLTP homologation, the data given is the one of the vehicle definition that obtained the best score.

(3) Charging times will vary according to temperature, battery usury, power delivered by the charging station, driving style and state of charge.

(4) Wheels size may impact the autonomy of the vehicle.

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GEARBOX	
Gearbox type	Gearbox with single-speed reduction gear bar
Number of forward gears	1
PERFORMANCE	
Top speed (kph)	135
0-50 kph – 0-100 kph – 80-120 kph (s)	4.2 – 12.6 – 11.2
SCx	0.68
STEERING	
Power	Yes (electric)
Turning circle between kerbs (m)	8.75
Number of steering-wheel turns	3.93
WHEELS AND TYRES	
Available wheel rims (")	15" and 16" (Life)
Tyre type	Nexen N'blue HD Plus (15"), Michelin Primacy 4
Tyre dimensions	15": Front 165/65 R15 (81T) / Rear 185/60 R15 (84T)
	16": Front 185/50 R16 (81H) / Rear 205/45 R16 (83H)
BRAKING	
Front:	Ventilated disks, 280 mm
Rear:)	Drums, 9"
WEIGHT (KG)	
Unladen kerb weight	1,112 (without option) / 1,178 (all options)
Maximum vehicle weight	1,528
Gross vehicle weight rating (GVWR)	1,528
Within the maximum permissible GVWR at front/rear	719 / 809
Payload (PL) (Life model, no options / Zen and Intens models, all options)	416 / 350
Max. braked/unbraked towed weight	Not allowed / Not allowed

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Twingo Z.E. Dimensions

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TRUNK VOLUME (dm³)	
Trunk volume under luggage cover (mini / maxi)	174 / 219
Maximum trunk volume with rear bench folded down	980
DIMENSIONS (mm)	
Wheelbase	2,492
Overall length	3,615
Front overhang	629
Rear overhang	494
Front track	1,452
Rear track	1,425
Overall width	1,646
Height (unladen)	1,541
Open tailgate height (unladen)	1,954
Trunk sill height (unladen)	780
Ground clearance (laden)	170
Knee radius in 2 nd row	136
Front elbow room	1,362
Rear elbow room	1,325
Front shoulder width	1,321
Rear shoulder width	1,284
Headroom at front seats	908
Headroom at rear seats	855
Interior width between wheel arches	1,005
Load length behind rear seats	636
Maximum load length w/ folded rear seats	1,336
Load length to dashboard (passenger seat folded flat)	2,315