

# Technical Specifications – Rascal Vista DX 36

Wheelchair type	Class A, B or C	Class B
Department of Transport class	Class 1, 2 or 3	Class 2
Overall dimensions fully assembled	length x width x height mm (in)	1180 (46.5) x 585 (23.0) x 940 (37)
Dimensions seat back and tiller folded	length x width x height mm (in)	1180 (46.5) x 585 (23.0) x 860 (33.85)
Maximum carrying capacity	Kg (lbs) ((stone))	150 (330) ((23.6))
Mass (weight) including batteries	Kg (lbs)	37.9 (83.6)
Mass (weight) of heaviest part	Kg (lbs)	25 (55.1)
Mass (weight) of LiFe 36Ah Pack x 2	Kg (lbs)	5.35 (11.8) x 2 = 10.7 (23.6)
Maximum shopping basket load	Kg (lbs)	4.5 (9.9)
Battery Capacity – LiFePO4 Packs	Ampere-hours	36Ah
Type of seat	Captain's Seat with folding backrest, adjustable armrests, integrated swivel and slide function	
Mass (weight) of seat	Kg (lbs)	14.2 (31.3)
Wheel dimensions Front & Rear	mm (in)	230 (9) x 75 (3) x 50 (2)
Type of tyres	Solid foam filled - puncture proof, or Pneumatic 'Air' option	
Suspension	Type	Front & Rear – Coil Spring
Maximum speed	Km/h (m.p.h.)	6.4 (4)
Minimum braking distance at max. speed	m (ft)	1.77 (5.8)
Range*– 150kg (Max User Weight)	Km (miles)	38.8 (24.1)
Range*– 90kg (User Weight)	Km (miles)	46.8 (29.1)
Range*– 68kg (User Weight)	Km (miles)	51.7 (32.1)
Range*– 44kg (User Weight)	Km (miles)	53.9 (33.5)
Turn-around width	m (ft)	1.7 (5.8)
Turning Radius	m (ft)	1.5 (4.9)
Maximum safe slope	Degrees of slope	6° –Do not exceed scooter may topple
Maximum climbing ability facing forward	Degrees of slope	6°
Ground clearance	mm (in)	75 (3)
Maximum obstacle climbing ability	mm (in)	60 (2.4)
Maximum safe descendable kerb height	mm (in)	60 (2.4)
Force to operate accelerator control	Newtons (lbf)	2.5 (0.55)
Force to operate freewheel lever	Newtons (lbf)	58.8 (13.2)
Ambient operating temperature range**	°C (°F)	2 (35.6) to 40 (104)

NOTE: This Scooter meets the relevant requirements of ISO 7176-14 :2008

\*Maximum Theoretical Range on full charge and flat ground at maximum user weight to ISO 7176-4:2008.

\*\*Range figures derived from testing data based on battery specifications and drive system performance to an accuracy of + / - 10%.

Due to a policy of continual improvement, Electric Mobility Euro Ltd. reserves the right to change specifications without prior notice.