

# Technical Specification - Rascal Rueba Powerchair



Wheelchair type – Rear Wheel Drive	Class A, B or C	EN 12184 - Class B
Department of Transport	Class 1, 2 or 3	Class 2
Overall dimensions fully assembled	length x width x height mm (in)	1070 (42.1.) x 610 (24) x 990 (39)
Min. Dimensions- seat folded, armrests/footrest removed	length x width x height mm (in)	855 (33.7) x 610 (24) x 740 (29.1)
Maximum carrying capacity	Kg (lbs) ((stone))	159 (350) ((25))
Mass (weight) including 55Ah batteries	Kg (lbs)	107.9 (238)
Mass (weight) of batteries	Kg (lbs)	2 x 17 (2 x 37.5)
Battery voltage and capacity	Volts and Ampere-hours	12V / 55Ah x 2
Seat	Type	Non-detachable, integral to Powerchair
Seat Width**	mm (in)	455 (18)
Seat Depth***	mm (in)	560 (22)
Drive Wheel Tyre size	mm (in)	355 (14)
Castor Wheel Tyre Size	mm (in)	230 (9)
Type of wheels/ tyres	Type	Aluminium / Pneumatic
Maximum speed	Km/h (m.p.h.)	6.4 (4)
Minimum braking distance at max. speed	m (ft)	1.0 (3.9)
Range*	Km (miles)	33.5 (20.8)
Turn-around width	m (ft)	1.60 (5.2)
Turning Radius	m (ft)	0.83 (2.7)
Max. safe slope	Degrees of slope	6° -Do not exceed Powerchair may topple
Max. climbing ability	Degrees of slope	6°
Ground clearance	mm (in)	70 (2.8)
Max. obstacle climbing ability	mm (in)	50 (2.0)
Max. descendible kerb height	mm (in)	50 (2.0)
Force to operate Joystick Controller	Newtons (lbf)	1.0 (0.22)
Force to operate Freewheel levers	Newtons (lbf)	50 (11.2)
Ambient operating temperature range	°C (°F)	2 (35.6) to 40 (104)

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

\*Range on full charge and flat ground to ISO 7176-4:2008.

\*\*Seat Base Width can be adjusted to accommodate different width seat base cushions from 559 and 457 mm (22" to 18")

\*\*\*Seat Base Depth can be adjusted to accommodate different depth seat base cushions from 508 and 406 mm (20" to 16")

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