

Technical Specification - Rascal Rhythm SL Powerchair

Wheelchair type – Rear Wheel Drive	Class A, B or C	EN 12184 - Class B
Wheelchair type – Front Wheel Drive	Class A, B or C	EN 12184 - Class A
Department of Transport - RWD	Class 1, 2 or 3	Class 2
Department of Transport - FWD	Class 1, 2 or 3	Class 1
Overall dimensions fully assembled	length x width x height mm (in)	1052 (41.4.) x 616 (24.2) x 1158 (45.6)
Dimensions- seat and footrests folded	length x width x height mm (in)	763 (30.0.) x 616 (24.2) x 820 (32.3)
Maximum carrying capacity	Kg (lbs) ((stone))	159 (350) ((25))
Mass (weight) including 50Ah batteries	Kg (lbs)	98.1 (216.3)
Mass (weight) of heaviest part	Kg (lbs)	44.8 (98.8)
Mass (weight) of seat	Kg (lbs)	19.4 (42.8)
Battery voltage and capacity	Volts and Ampere-hours	12V / 50Ah x 2
Type of seat	Captain Rotating	Swivel, reclining, headrest with folding armrests
Drive Wheel dimensions	mm (in)	260 x 85 (10.2 x 3.4)
Castor Wheel dimensions	mm (in)	200 x 50 (7.9 x 2)
Type of wheels/ tyres	Type	Solid puncture proof
Maximum speed Rear-Wheel Drive	Km/h (m.p.h.)	6.4 (4.0)
Maximum speed Front-Wheel Drive	Km/h (m.p.h.)	5.0 (3.0)
Minimum braking distance at max. speed	m (ft)	1.15 (3.8)
Range*	Km (miles)	16.0 (10.0)
Turn-around width	m (ft)	1.18 (3.9)
Max. safe slope RWD	Degrees of slope	6° -Do not exceed Powerchair may topple
Max. climbing ability facing forward RWD	Degrees of slope	6°
Max. safe slope FWD	Degrees of slope	3° -Do not exceed Powerchair may topple
Max. climbing ability facing forward FWD	Degrees of slope	3°
Ground clearance	mm (in)	40 (1.6)
Max. obstacle climbing ability (RWD)	mm (in)	50 (2)
Max. descendible kerb height (RWD)	mm (in)	50 (2)
Force to operate Joystick Controller	Newtons (lbf)	1.0 (0.22)
Force to operate Freewheel lever	Newtons (lbf)	45 (10.1)
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

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