

## Technical Specification - Rascal C60 Carbon Powerchair

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)	910 (35.8) x 640 (25.2) x 1000 (39.4)
Overall dimensions stowage	length x width x height mm (in)	740 (29.1) x 640 (25.2) x 300 (11.8)
Maximum carrying capacity	Kg (lbs) ((stone))	120 (264) ((18.9))
Mass (weight) including LiFe 10Ah batteries	Kg (lbs)	18 (39.6)
Mass (weight) of heaviest part	Kg (lbs) Front chassis	14.3 (31.5)
Mass (weight) of LiFe 10Ah Battery Pack	Kg (lbs)	2.7 (5.9)
Maximum shopping basket load	Kg (lbs)	3.0 (6.6)
Battery Voltage & Capacity	Volts and Ampere-hours	24V/ 10Ah
Type of seat	Comfort seat w/ memory foam cushion, high back backrest, folding arms	
Mass (weight) of seat cushion	Kg (lbs)	0.7 (1.5)
Wheel dimensions Front & Rear	mm (in)	160(6.3) Front / 210 (8.3) Rear
Type of tyres	Solid foam filled - puncture proof	
Maximum speed	Km/h (m.p.h.)	6.4 (4)
Minimum braking distance at max. speed	m (ft)	1.2 (3.9)
Range* - 10Ah Batteries Max User Weight	Km (miles)	13 (8.1)
Range* - 10Ah Batteries 100kg User Weight	Km (miles)	15 (9.4)
Turn-around width	m (ft)	1.2 (3.9)
Min. turning radius	m (ft)	0.85 (2.8)
Maximum safe slope	Degrees of slope	6° -Do not exceed powerchair may topple
Maximum climbing ability facing forward	Degrees of slope	6°
Ground clearance	mm (in)	50 (2)
Maximum obstacle climbing ability	mm (in)	40 (1.6)
Maximum safe descendable kerb height	mm (in)	90 (3.5)
Force to operate accelerator control	Newtons (lbf)	1.0 (0.22)
Force to operate freewheel lever	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 Electrical Safety

\*Range on full charge, solid foam filled tyre and flat ground based on ISO 7176-4:2008 Theoretical Distance Test

\*\*Do not charge battery outside this temperature range. Doing so can permanently damage battery.

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