

Technical Specification - Rascal Rio Powerchair

| Powerchair type Class | 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) | 880 (35) x 550 (23) x 900 (35) |
| Overall dimensions seat & footplate folded | length x width x height mm (in) | 685 (27) x 550 (23) x 800 (31.4) |
| Maximum carrying capacity - not to be exceeded | kg (lb) | 113 (250) |
| Mass (weight) including batteries | kg (lb) | 44.6 (98.3) |
| Battery voltage and capacity | volts and ampere hours | 12v x 14Ah x 2* |
| Mass of batteries (x2) | kg (lb) | 8.6 (19) |
| Type of seat | | Padded with folding back, adjustable arm height, angle and width. |
| Mass (weight) of seat | kg (lb) | 11.88 (26.2) - with joystick module fitted |
| Mass (weight) of front (without batteries) | kg (lb) | 9.75 (21.5) |
| Mass (weight) of of rear (without seat) | kg (lb) | 14.4 (31.75) |
| Seat width | mm (in) | 457 (18) |
| Seat depth | mm (in) | 432 (17) |
| Wheel size front/rear | mm (in) | 152 (6) / 203 (8) |
| Type of tyres | type | Solid |
| Maximum speed | km/h (m.p.h.) | 6.4 (4) |
| Minimum braking distance from maximum speed | m (ft) | 1.03 (3.4) |
| Range on full charge and flat ground | km (miles) | Up to 13 (8) |
| The turn-around width | m (ft) | 1.06 (3.5) |
| The maximum safe slope | degrees of slope | 6° - Do not exceed the powerchair may topple |
| The maximum climbing ability facing upwards | degrees of slope | 6° - Do not exceed the powerchair may topple |
| Ground clearance | mm (in) | 23 (0.9) |
| Maximum obstacle climbing ability | mm (in) | 25 (1) |
| Maximum safe descendable kerb height | mm (in) | 25 (1) |
| Force to operate Joystick control | Newtons (lbs) | 1 (0.224) |
| Force to operate Freewheel levers | Newtons (lbs) | 45 (10.1) |
| Ambient operating temperature range | °C (°F) | 2 (35.6) to 40 (104) |

This power-chair meets the relevant requirements of ISO 7176:14 2008. Due to a policy of continual improvement, Electric Mobility Euro Ltd reserves the right to change specifications without prior notice.