

# Technical Specification - Liteway Balance Plus Scooter

| Wheelchair 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)                                  | 1067 (42) x 600 (24) x 975 (38)           |
| Dimensions seat removed tiller folded           | length x width x height mm (in)                                  | 1067 (42) x 600 (24) x 460 (18)           |
| Maximum carrying capacity                       | kg (lb)  | 136 (300)                                 |
| Mass (weight) including standard batteries      | kg (lb)  | 54 (119)                                  |
| Mass (weight) of heaviest part (front chassis)* | kg (lb)  | 12.8 (28.2)                               |
| Mass (weight) of front chassis                  | kg (lb)  | 12.8 (28.2)                               |
| Mass (weight) of shopping basket                | kg (lb)  | 1.5 (3.3)                                 |
| Mass (weight) of rear frame                     | kg (lb)  | 7.4 (16.3)                                |
| Mass (weight) of standard battery pack          | kg (lb)  | 9.6 (21.2)                                |
| Mass (weight) of long range battery pack        | kg (lb)  | 16.5 (36.4)                               |
| Maximum shopping basket load                    | kg (lb)  | 4.5 (9.9)                                 |
| Battery voltage and capacity                    | volts and ampere hours   | 12V / 14Ah x 2                            |
| Long range battery (optional)                   | volts and ampere hours   | 12V / 24Ah x 2                            |
| Type of seat                                    | Standard seat with folding backrest and adjustable arms          |   |
|   | Swivel seat with folding backrest and adjustable arms (optional) |   |
| Mass (weight) of seat                           | kg (lb)  | 10.2 (22.5)                               |
| Wheel size front / rear                         | mm (in)  | 178 x 45 (7 x 1.75) / 203 x 71 (8 x 2.8)  |
| Type of tyres                                   | type   | Solid foam filled                         |
| Rear tyre replacement dimensions                | mm (in)  | 71 x 64 x 102 (2.8 x 2.5 x 4)             |
| Maximum speed                                   | km/h (m.p.h.)  | 6.4 (4)                                   |
| Minimum braking distance from maximum speed     | m (ft)   | 1.4 (4.6)                                 |
| Range** - standard battery pack                 | km (miles)   | Up to 14.4 (9)                            |
| Range** - long range battery pack (optional)    | km (miles)   | Up to 26 (16)                             |
| The turn-around width                           | m (ft)   | 1.75 (5.7)                                |
| The maximum safe slope                          | degrees of slope   | 8° - Do not exceed the scooter may topple |
| The maximum climbing ability facing upwards     | degrees of slope   | 10°                                       |
| Ground clearance                                | mm (in)  | 50 (2)                                    |
| Maximum obstacle climbing ability               | mm (in)  | 50 (2)                                    |
| Maximum safe descendable kerb height            | mm (in)  | 50 (2)                                    |
| Ambient operating temperature range             | °C (°F)  | 2 (35.6) to 40 (104)                      |

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

\*With standard batteries \*\* Range on full charge and flat ground