

PRODUCT SPECIFICATIONS SHEET

Model: Q6 Edge HD

Document Information: INFINF3625/Rev A/February 2017



Class of Use	B
Weight Capacity	450 lbs. (204 kg/32 stone 2 lbs.) 400 lbs. (181 kg/28 stone 8 lbs.) with TRU-Balance® 10-inch Power Adjustable Heavy Duty Lift
Maximum Speed ¹	Up to 4.7 mph (7.6 km/h) Up to 4 mph (6.4 km/h), United Kingdom only
Ground Clearance ²	3.5 in. (89 mm) at motor 3 in. (76.2 mm) at base frame 2.5 in. (63.5 mm) at caster pivot
Turning Radius ²	19.75 in. (502 mm)
Overall Size ^{2, 6, 7}	Length: 49.1 in. (1247.5 mm) with front rigging 35.6 in. (904.2 mm) without front rigging Width: 26.25 in. (666.8 mm)
Drive Wheels	14 in. (355.6 mm), solid (standard); pneumatic (optional)
Caster Wheels	Front: 6 in. (152.4 mm) solid Rear: 6 in. (152.4 mm) solid
Suspension	ATX Suspension (Active-Trac® with extra stability)
Range ^{1, 4, 8}	Up to 15.5 miles (25 km) with 14 in. (355.6 mm) solid and pneumatic tires Up to 15.07 miles (24.25 km) with 14 in. x 4-in. (355.6 mm x 102 mm) tires
Component Weights ^{5, 9}	Base: 143.5 lbs (65 kg) Batteries: Group 24: 52 lbs. (23.6 kg) each Total Mass of Power Chair: Less than 436.8lbs. (198.1 kg)
Drivetrain	Two motor, Mid-wheel 6® Drive
Brakes	“Intelligent Braking” electronic regenerative, disc park brake
Batteries ³	Two 12-volt, deep-cycle Group 24
Battery Charger	8-amp, off-board
Freewheel Operational Force	Less than 60 N
Drive Control Operational Force	Less than 5 N
Maximum Rated Slope	6° (10.5%)
Maximum Obstacle Climbing Ability (Ascending and Descending)	Up to 3.5 in (88.9 mm)
Measured Sound Level (A-weighted)	Less than 65 dB

- ¹ Varies with base model, user weight, terrain type, battery amp hour rating (Ah), battery charge, battery condition, motors, controller type, tire type, and tire condition. This specification is subject to a variance of +10%, -5%.
- ² Due to manufacturing tolerances and continued product improvement, this specification can be subject to a variance of (+ or -) 3%.
- ³ AGM or Gel-Cell type required. See “Batteries and Charging.”
- ⁴ Tested in accordance with ANSI/RESNA, WC Vol. 2, Section 4 & ISO 7176-4 standards. Results derived from theoretical calculations based on battery specifications and drive system performance. Test conducted at maximum weight capacity.
- ⁵ Battery weight may vary based on manufacturer.
- ⁶ Dimensions listed are for power base only. Overall measurements will vary based on seating and accessory selections.
- ⁷ Maximum seat size is a 28-in. wide by 28-in. deep TRU-Balance® Bariatric Tilt.
- ⁸ Unit configured with 14-in x 4-in. (355.6 mm x 102 mm) tires does not comply with AS/NZS 3695.2 and EN12184 standards.
- ⁹ Total mass of power chair(s), outlined in this document, represents the mass of the power chair(s) as tested with manufacturer-installed transit system at the time of manufacture. The addition of the after-market accessories or changes to the tested configuration will invalidate the mass value.

NOTE: This product conforms to all applicable ANSI/RESNA, ISO 7176 Series, AS/NZS 3695.2, and EN12184 standards. All specifications subject to change without notice.

