

PRODUCT SPECIFICATIONS SHEET

Model: Quantum 610

Document Information: INFINF3445/Rev A/September 2015

Class of Use:	A
Weight Capacity:	136 kg/21 stone 6 lbs. (300 lbs.) 136 kg/21 stone 6 lbs. (300 lbs.) with Synergy TRU-Balance Power Positioning Systems
Maximum Speed: ¹	Up to 6.44 km/h (4 mph)
Ground Clearance: ²	6 cm (2.4 in.)
Turning Radius: ²	53.98 cm (21.25 in.)
Overall Size: ²	Length: 99 cm (39 in.) with front riggings; 88.27 cm (34.75 in.) without front riggings Width: 59 cm (23.25 in.)
Caster Wheels:	Front: 12.7 cm (5 in.) solid Rear: 15.24 cm (6 in.) solid
Drive Wheels:	25.4 cm (10 in.), pneumatic and solid available
Suspension:	ATX
Range: ^{1, 4}	Up to 18 km (11.18 miles)
Component Weights: ⁵	Base: 50.8 kg (112 lbs.) without seat and batteries Batteries: 11.11 kg (24.5 lbs.) each
Drivetrain:	Two motor, Mid-wheel-6 drive
Brakes:	"Intelligent Braking" electromagnetic regenerative, disc park brake
Batteries: ³	Two 12-volt, U-1 batteries, 30 Ah
Battery Charger:	5-amp, off-board
Maximum Allowable Incline:	10.5% (6°)
Maximum Angle Capacity:	17.6% (10°)
Maximum Obstacle Climbing Ability:	6 cm (2.4 in.)
Drive Control Operational Force:	Less than 5 N

- ¹ Varies with base model, user weight, terrain type, battery amp hour rating (Ah), battery charge, battery condition, motors, controller type, tyre type and tyre 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 VI. "Batteries and Charging."
- ⁴ Tested in accordance with 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.

NOTE: This product conforms to all applicable ISO 7176 Series EN12184 standards. All specifications subject to change without notice.



