

PRODUCT SPECIFICATIONS SHEET

Model: Quantum 6000Z and Quantum 6000Z HD

Manufacturer: Pride Mobility Products Corp.

Internet Address: www.pridemobility.com

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Weight Capacity:	300 lbs. (136 kg) 250 lbs. (113.4 kg) with TRU-Balance Pediatric Tilt 75 lbs. (34 kg) with Synergy Manual Tilt
Maximum Speed: ¹	Quantum 6000Z: Up to 6 mph (9.66 km/h) <i>standard in Group 3</i> Quantum 6000Z: Up to 8 mph (12.87 km/h) <i>standard in Group 4; optional in Group 3</i> Quantum 6000Z HD: Up to 4.5 mph (7.24 km/h) <i>High-torque Hammer motors</i>
Ground Clearance: ²	3.5 in. (8.89 cm)
Turning Radius: ²	22.5 in. (57.15 cm)
Overall Size: ^{2, 6}	Length: 43 in. (109.22 cm) with front riggings 36 in. (91.44 cm) without front riggings Width: 25.875 in. (65.75 cm)
Drive Wheels:	14 in. (35.56 cm), solid or pneumatic available
Caster Wheels:	6 in. (15.24 cm) solid
Suspension:	Active-Trac® ATX with integrated rear dual-strut suspension and articulating caster beam
Range: ^{1, 4}	Up to 15.5 miles (25 km) with High-torque option Up to 17.47 miles (28.11 km) with High-speed option
Component Weights: ⁵	Base: 147 lbs. (66.68 kg) Batteries: NF-22: 38 lbs. (17.24 kg); Group 24: 53 lbs. (24.04 kg) each
Drivetrain:	Two motor, Mid-wheel 6® drive
Brakes:	“Intelligent Braking” electronic regenerative, disc park brake
Batteries: ³	Two 12-volt, deep-cycle NF-22/Group 24 (standard) Two 12-volt, NF-22 required with Power Elevating Seat
Battery Charger:	Off-board
Maximum Allowable Incline:	7.5° (13.2%)
Maximum Angle Capacity:	9° (15.8%)
Maximum Obstacle Climbing Ability:	Quantum 6000Z: 2.56 in. (6.5 cm) Quantum 6000Z HD: 2.36 in. (6 cm)

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 can be subject to a variance of +10%, -5%.

² Due to manufacturing tolerances and continued product improvement, this specification can be subject to variance of (+ or -) 3%.

³ AGM or Gel-Cell type required. See VI. “Batteries and Charging.”

⁴ Tested in accordance with ANSI/RESNA WC Vol 2, Section 4 and ISO 7176-4 Standards. Results derived from theoretical calculation 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.

NOTE: This product conforms to all applicable ANSI-RESNA testing requirements and ISO 7176 series EN12184 standards. All specifications subject to change without notice.

