

# QUANTUM®/Jazzy 1450 SERIES

## PRODUCT SPECIFICATIONS SHEET

Class of Use	B (Group 3)
Weight Capacity	<b>600 lbs. (272 kg/42 stone 12 lbs.)</b> Jazzy 1450 2VHD Jazzy 1450 2SPVHD Quantum 1450 3SVHD Quantum 1450 3SPVHD
Maximum Speed <sup>1</sup>	Jazzy 1450: Up to 4.9 mph (7.9 km/h) Quantum 1450: Up to 4.9 mph (7.9 km/h) Up to 4 mph (6.4 km/h) only United Kingdom
Ground Clearance <sup>2</sup>	1.5 in. (38 mm) at anti-tip wheels
Turning Radius <sup>2</sup>	26.5 in. (673 mm)
Overall Size <sup>2, 6</sup>	Length: 38.25 in. (972 mm) without front riggings 45.25 in. (1149 mm) with front riggings Width: 29.25 in. (743 mm)
Drive Wheels	14 in. (356 mm), solid
Caster Wheels	Rear: 9 in. (229 mm) solid
Suspension	Swing Arm Suspension
Range <sup>1, 4</sup>	Jazzy 1450: Up to 16.5 miles (26.5 km) Quantum 1450: Up to 16.5 miles (26.5 km)
Component Weights <sup>5</sup>	Base: 195 lbs. (88.5 kg) Batteries: 52 lbs. (23.6 kg) each
Drivetrain	Two motor, front wheel drive
Brakes	"Intelligent Braking" electronic regenerative, disc park brake
Batteries <sup>3</sup>	Two 12-volt, sealed lead acid, non-spillable, deep-cycle Group 24 70 Ah batteries
Battery Charger	8-amp, off-board
Freewheel Operational Force	Less than 60 N
Drive Control Operational Force	Less than 5 N
Maximum Rated Slope	Jazzy 1450: 6° (10.5%) Quantum 1450: 7.5° (13.2%)
Maximum Obstacle Climbing Ability (Ascending and Descending)	Jazzy 1450: 2 in. (50 mm) Quantum 1450: 2.25 in. (60 mm)
Measured Sound Level (A-weighted)	Less than 65 dB

- <sup>1</sup> 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%.
- <sup>2</sup> Due to manufacturing tolerances and continued product improvement, this specification can be subject to a variance of (+ or -) 3%.
- <sup>3</sup> AGM, Gel-Cell, or Hybrid Gel (Hybrid Gel is defined as Nano Silica Gel Electrolyte with High Quality Glass Mat Separators) type required. See "Batteries and Charging."
- <sup>4</sup> 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.
- <sup>5</sup> Battery weight may vary based on manufacturer.
- <sup>6</sup> 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, ISO 7176 Series, AS/NZS 3695.2, and EN12184 standards. All specifications subject to change without notice.**



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