



GenZe 2.0 Specifications

Performance	Top Speed	30 mph (48.3 kph)
	Range	35 miles (48.3 kilometers) per charge
	Operating Modes	Sport mode (High performance) Economy mode (Range maximizing) Easy mode (New rider orientation) Custom mode (User defined)
	Acceleration	0 mph to 30 mph = 10 seconds (170 lb rider)
Battery	Battery Type	Removable Li-Ion battery pack
	Battery Capacity	2.0 kWh nominal
	Voltage	58.8 VDC at max charge and 42 VDC at min charge - 52V nominal
	Charge Time	Approximately 3.5 hours
	Charger Input Power	110V AC, 5 amps
	Charger Output	Up to 60 VDC and 500W
	Battery Life cycle	800 cycles to 80% if initial capacity
Motor	Peak Torque (Nm)	100 Nm
	Motor Type	Brushless permanent magnet hub motor
	Climbing Performance	Up to 20% grade
Structural	Frame	Cast, welded, and powder-coated aluminum exoskeleton
	Suspension	Telescopic oil damped front fork with internal coil springs, twin oil damped coil over shock rear swing arm suspension
	Brakes	Single piston hydraulic disc brakes front and rear
	Regenerative Braking	Yes
	Tire - Front	100/80-R16
	Tire - Rear	130/80-R12



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	Curb Weight	232 lbs. (105.5 kg)
	Seat Height	29.5 inches (749 mm)
	Ground clearance-max load	55. inches (139 mm)
	Carrying capacity	295 lbs
	Wheelbase	50 inches (1267 mm)
User Interface	Instrumentation	7 inch LED touchscreen monitor connects to the GenZe Cruise-Connect System™ and provides the ability to monitor 100 different data points through a cloud-based system and govern settings from a mobile phone
		PIN code security lock
		On-board owner's manual
Lighting	All	All LED lights with 85% lower energy consumption
Auxiliary Power		Connection in rear for 12V charging
Emissions		Zero