



**QUANTUM**

# *QUANTUM Electric Vehicle*



# Technical Specifications

Basic parameters			
Length × Width × Height (mm)	2570×1150×1550		
Curb weight (kg)	450		
Rated seats capacity	3		
Wheelbase (mm)	1780		
Wheel track(mm)	1028		
Whole Car Warranty (with battery)	1 year		
Performance parameters			
Quantum model	E1	E2	E3
Range (no load, 25°C, average speed 40km/h)	1200W 60V52Ah	2000W 60V60Ah	3000W 60V80Ah
	70KM	80KM	80KM
Rated load capacity	230kg	270kg	320kg
Maximum speed (km/h)	1200W	2000W	3000W
	40	45	50
Maximum gradeability	25%		
Minimum ground clearance (mm)	≥145		
Minimum turning diameter (m)	≤9.2		
Approach angle (°)	≤40		
Departure angle (°)	≤60		
Power parameters			
Battery type	VRLA maintenance-free power battery		
Battery capacity	60V52Ah or 60V60Ah or 60V80Ah		
Charging time	7-10h		
Motor type	Permanent magnet brushless / synchronous DC motor		
Rated power	1.2KW/2kW/3kW		
Charger	Portable charger 60V6A or 60V10A or 60V12A		
Chassis parameter			
Drive mode	Rear wheel drive		
Drive axle structure	Integral		
Parking brake type	Foot brake		
Brake system(front/back)	Vented disc brake		
Wheel hub	Aluminium alloy		
Tire specifications	135/70 R12		
Vehicle configuration			
Seats	3 seats--adjustable for driver forth and back		
Safety belt	seat belt for driver		
Window	Power window		
Heating/defrost	Air heater		
Windshield wiper	Boneless wiper		
Media player	MP5 player with USB/SD card port		
USB charging interface	USB charger		
Safety system	Remote central lock with burglar alarm		
Side mirror	Folding manually - showing turn signal		
LCD digital instrument	Colour LCD display with rear view camera		
Body color	Blue, Red, White, Gray, Purple, Light blue		
Headlight type	LED		
Tail light type	LED(Steering, braking, lighting, reversing)		