



TECH SPECS

GENERAL

Brand / Model	boqu Unibody
Maximum Speed Limit	25 km/h
Full Charge Trip (km)*	70 km
Gradeability	Approx. %12
Passable Lands	Asphalt / Straight Road; Disabled Road < 3cm; Gaps < 5cm
Net Weight (± 0.5 kg)	33.6 Kg
Screen	2.4" OLED Blue Light Speed, Speed Unit, Battery Level, Headlamp, Driving Mode
Driven Wheel	Rear-Wheel Drive
Brake Levels	Independent Left and Right Brake Levers
Allowable Load	100 Kg max
IP Rating	Vehicle IPX5, Battery IP67, Controller IP67
Operating Temperature	Suggested (-10~40)°C
Storage Temperature	(-20~50°C) / Suggested (0~35°C)
VIN Number / Producer Plate	Yes
Type	48V - DC Brushless Motor
Nominal Power	350W
Torque	Maximum 28 Nm
Drive Mode	Sport, Eco, Standart, Pedestrian
Maximum Power	816W

MOTOR



TECH SPECS

BATTERY

Brand / Model	boqu Unibody v.1.0
Nominal Voltage	48V
Maximum Charging Voltage	54.6V DC
Nominal Capacity	19600 mAh / 924Wh
Battery Cell Mode	3200 mAh
Battery Weight	5 kg
Duration of Charging	4.5 hours
Charging Temperature Range	0~50°C
Discharging Temperature Range	-20~60°C
Battery Type	Swappable Battery
Battery Management System	Over-heating, short circuit, over-current and over-charge protection

IOT

IOT	Built-In IoT
Bluetooth	Yes
Version Update	Yes
Communication Protocol	CAN BUS

TIRE

Front Tire Diameter	12 inch
Front Tire Type	Standard: Special PU Filled Tire / Optional: Rubber Tire
Rear Tire Diameter	10 inch
Rear Tire Type	Rubber Tire



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SECURITY & HMI

BODY

Brand / Model	boqu Unibody v.1.0
Vehicle Physical Locking	Solebe with wire (can be triggered by IOT or Bluetooth)
Front Brake	Drum Brake - 80mm
Rear Brake	Electronic Engine Brake
Battery Chamber Flap Lock	Electronic Lock
Anti Theft	Yes
Head Light	DC 12V / 12W - enabled by LDR
Tail Lamp	270 Degrees Visible
Signal (Left/Right)	Yes
Horn/Buzzer	Buzzer (controlled by button on handlebar)
Reflector	Front, Rear, Side Reflectors
Alarm	Yes
Status Light	Bottom Led
Body Raw Material	High Strength Aluminum
Kickstand	Standard: Dual Side Kickstand / Optional: One Side Kickstand
QR Code	On the Screen
Handgrip Material	Rubber
Rear Mudguard	Glassfiber reinforced ABS
Foot Pad Material	High Durable Rubber