

NG_ECO

Q1

All-terrain Off-road E-Bike



75km
Max range



16cm
Disc brakes



100kg
Max Load



45km/h
Riding speed



20inch
Off-road tires



750W
Powerful motor



Features

Simple in shape, bionic design

Geometric line body

Imitation of dolphin soft dynamic body, feel smooth as before, solid aluminum alloy frame integrated molding, wear-resistant and anti-pressure, finely crafted, hard and sharp.

34kg
Net weight

100kg
Max load



Automotive power lithium-ion cells

Waterproof and anti-theft, equipped with battery lock, high power supply, safe and durable performance, long life.

6 battery intelligent protection management system



Short circuit protection



Over current protection



Double overcharge protection



Double over-discharge protection



Abnormal temperature protection



Undervoltage auto-sleep



Hills/beaches/steep slopes/snowy roads

All-terrain off-road tires

Adapt to all kinds of road surface, strong grip, low resistance, wear-resistance, puncture resistance, over potholes, new tire multi-layer protection, not easy to fall, anti-skid in rainy and snowy road

20inch
Off-road tires

Puncture-proof metal compilation layer

Anti-slip rubber layer

Inner metal compilation layer

Front and rear dual disc brake system + E-ABS electronic brake

Sensitive braking is safer

Highly sensitive power-off system + dual disc brakes with wear-resistant and fast heat dissipation, fast and stable braking, and the pgraded power-off system makes the performance of the whole vehicle safer.

Front wheel brake

Rear wheel brake

Front disc brakes 16cm

Rear disc brakes 16cm

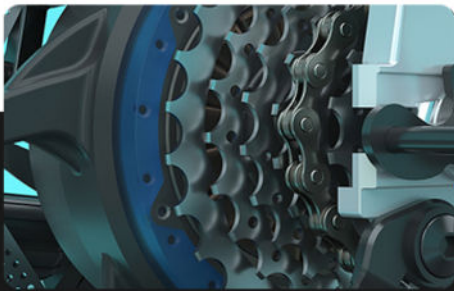


SHIMANO 7-Speed transmission system

As Fast as lightning even without electricity

The hollow design reduces the weight of the flywheel teeth, which matches the chain well. It has a smooth and precise control feeling, and breaks through the terrain restrictions.

Flying speed sprocket



Assisting power or pure electricity mode, control at will

Experience multiple mode switching

There are 3 built-in riding modes, which can be easily switched during riding.



Electric mode

Turn on the power and turn the handlebar, no need to step foot, it can be moved forward to



Assistant mode

Switch on the power, no need to turn the handlebar to gently drive the foot.



Manpower mode

No power, use like a bicycle, zero battery consumption.

Closed type design, support water washing

No pressure on water and mountain roads

High chassis, large tires, front and rear fenders to prevent splashing mud or water, to ensure that you can drive unimpeded in the rain.

IPX4 Waterproof grade



Super bright front headlights

The LED night lighting system

With super bright headlights, the driving environment on the road ahead is an unobstructed view, and the illumination distance is long, ensuring the safety of riding at night.



The front of the bike is easily folded in seconds

Foldable electric bike

It adopts a portable folding design, occupies a small area, and can be folded quickly by pressing.

3_s
Quick fold

Real-time visibility of itinerary dynamics

Large screen smart display

Accurately display speed, power, gear, total mileage



Power display



Speed display



Gear switch



Mileage calculation



Gear shift adjustment

Multi-function control button

Front double-tube shock spring system

Aluminum shoulder lockable fork shock

It has good elastic and comfortable front and rear shock-absorbing tires, adapts to various road surfaces, no afraid of bumps, and brings a sensitive response and smooth operation.



Physical display pictures



Specification

Model	Q3 - North American edition
Open size	1650*670*1170mm
Folding size	1650*350*880mm
Net weight	34kg
Frame materials	Aluminum alloy
Rim size	20in*4.0
Motor	48V/750W
Motor Type	Brushless DC motor-High speed Gear (5:1)
Battery capacity	9.6Ah/460.8Wh Li-ion battery
Charger parameters	54.6V/2A
Max speed	45km/h
Pure electric range	30-40km
Power assist range	70-75km
Climb angle	25°
Max load	100kg
Riding mode	Cycling / Hall power / Electric
Charging time	5-6h
Folding features	Foldable pole
Seat height	Liftable
Battery detachable feature	Push-in type with mechanical lock
Suspension	Front shock absorber
Mechanical variable speed	7 speed mechanical transmission system
Brake mode	Front/Rear disc brake
Assist mode	Hall sensor, 3 speed power adjustment
Light	LED
Protection level	IPX4



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