



Ride yourself out for fun



SUPER
SOCO

Eyes of Wisdom

Intelligent sensing head light

Symmetrical U Design, integrated daylight and indicators.
Hidden LED head light (high beam and low beam included).

With hot runner system work instruction, get perfect dustproof and waterproof performance.

Matrix LED beads, carve the shape of light, flash the charm of wisdom.

75_m
Radiation distance

29000_{cd}
High beam brightness

13480_{cd}
Low beam brightness



Wings of Flying

Inline wing type tail-lights

Inline high brightness LED lamps.

All-in-one light (position light, turning indicators and braking light)

integrated into one light with a sense of sharp.

Inimitable symbol of identification.





Free on stretch

Comfortable riding posture

Easy for foot touching the ground.
Riders above 180cm, can stretch freely.

VA (Vertical Alignment) Intelligent high brightness display

VA (Vertical Alignment) multiple function display, self-adjust with light sensing.
150° wide-angle visible clearly.
Self-inspection on initiation, safe riding.



Speed



Battery
capacity



Intelligent
light sense



Cruise



Parking
indication



Error
report

20

km/h



ODO

468.3

75% A horizontal bar representing the battery level, with 75% filled.

READY



Small size, big power

Exclusive CU customized lithium battery pack

Elegant and Practical (SOC indicated). Weight 10.5kg (light and portable)
Max. range 80km.

(Tested on flat road, rider weight 75kg, average riding speed 45km/h, temperature 26°C)

5 years+
Life time

600 +
Cycle times

≈ 7 h
Charging time

170 pcs
18650 cells

Digital contact switch

Comfortable touching.
Multifunctional buttons.
Higher stability.



Multifunctional under seat space

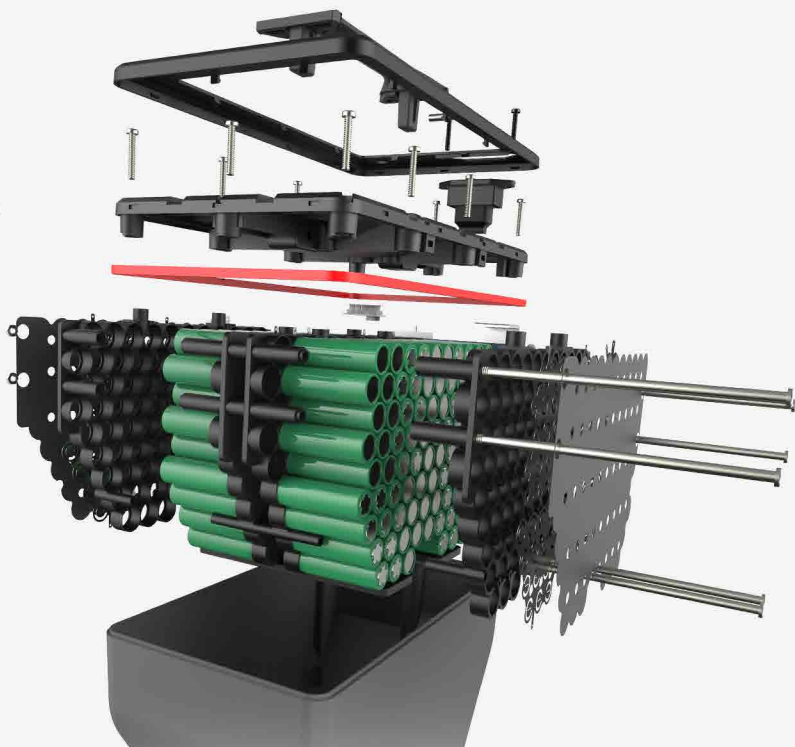
User friendly design.
Smart isolated space for battery and storage.
Exclusive buckle for charger connector,
prevent damage on power cable.



Bigger capacity, higher security

New generation pack solution

Honeycomb structure design with performance of geometric mechanics.
Cell distance is safe and proper.
New thermal technology, better cell performance.



Excellent performance

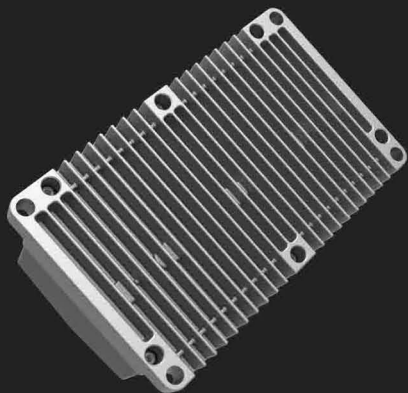
High efficiency kinetic motor

Customized developing for City transportation.
Stronger magnetic steel with unique wiring way.
Carry FOC vector controller 3.0.
Improve the energy efficiency and range.

More sensitive control

FOC vector controller 3.0

Precise control.
New torque loop,
linear output of power,
higher efficiency.



Better control, more safer

Frame made by carbon structural steel

Higher intensity and lighter weight,
Less vibration, more comfortable.
Passed 500,000 times vibration test,
amazing durability.



Excellent safety and flexibility

Front/rear disc brake+EBS assistant system

Quick response, shorter braking distance.
Re-cooperation, extend range.

1.8m

Dry braking distance

2.1m

Wet braking distance

*These data tested by rider with weight 70kg, at 20km/h. Braking distance could be different with different rider at different road conditions.



Precise positioning, stable communication

ECU, Generation 3, Intelligent brain

Self-developed BMOS V3.0 intelligent communication system
Bikers and Bikes connected on Clouds

Stable data transmission | OTA function — remote upgrade | Quick GPS positioning



Data
collection



Data
processing



Customer
feedback

Detail functions available subject to countries.

High energy efficiency

Intelligent BMS (battery management system), precise SOC.

Multi-protections for battery.

SOCO APP synchronizes the battery info automatically.

Planning your trip reasonable.



Over-discharge
protection



Over-charge
protection



Over-current
protection



Short-circuit
protection



Temperature
protection



Battery
equalization

SOCO APP is available subject to countries.



Parameters

Homologation		L1e-B (Regulation 168/2013)	Basic Info	Weight	70 kg (include battery)
Battery	Concept	Lithium battery (cell 18650)		L*W*H	1782mm*318mm*1087mm
	Capacity	60V30AH		Wheelbase	1217mm
Charger	Input voltage	90V-240VAC		Ground clearance	140mm
	Input current	4A		Seat height	720mm
	Charging time	≈7h		Tyre	Fr.& Re. 90/90-12
	Fast charger	Optional		Brake	Fr. Disc (ø 180mm) / Re. Disc (ø 180mm)
Motor	Rated power	1300W		Rim	Fr. Alum. / Re. Steel
	Max power	2788W		Shock Absorber	Fr.& Re. Hydraulic
	Max torque	115 N.m		Swingarm	Alum.
Performance	Max speed	45km/h		Side stand	Alum.
	Max range	75km (riding at 45km/h average speed with 75kg rider)		USB	Available
	Climbing ability	15°		Keyless Go	Available

