




SOCO TC specifications

Color / Decal	   	Motor torque	150 Nm
Length * Width * Height	1926 x 710 x 1100 mm	Max climbing angle	17 °
Cell brand	Panasonic /Samsung /LG	Rated maximum load	150 KG
Driving range	160 KM (with 2 batteries)	Instrument	LCD instrument
Voltage	60 V	Instrument color	White backlight
Battery capacity (per unit)	30 Ah	Max power of motor	3000 W
Motor brand	BOSCH	One button start	Standard configuration for the whole series

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Distribution
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- Retro-style round instrument
- Heightened retro handlebar
- Broad and thick coffee cushion
- Classic round lamp
- Perfect design

Classic elements unique to café racer

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The streets of London,
England had moved all the way to the modern world
but still retained a strong sense of presence.



WILD GRACE

This is a lithium battery powered retro scooter for your very personal style.

We make use of new energy and modern technologies for the cultural renaissance of café racer,
and let café racer's spirit shine again in the era of smart technology.



• Green



• Yellow



• Black



• Blue



LED

Intelligent photosensitive sensing technique

Handle all day and night road conditions easily

The motor will automatically adjust the brightness of the instrument according to the intensity of the ambient light. By lighting up headlights and rear lights, it illuminates the road ahead while identifying the rear motors more clearly, so that the driver can master conditions of the whole motor at all times, greatly enhancing the safety of driving.

LED photoconductive headlight

Classic round lamp molding with aluminum alloy frame
Use LED photoconductive technology,
Unique identifier symbol for the whole motor
Energy consumption effectively reduced



Integrated LED taillights

Integrated LED taillights have driving lamp, brake light and plate light all in one. Visual range over 270 degrees makes night driving safer.



High concentration LED turn signal

Seamless ultrasonic welding process
European safety standard, round cigar shape, waterproof and moisture proof
The photosensitive sensing technique ensures clear and visible light in any natural environment.



Rear passenger pedals

Bionic saddle

Six-section adjustable pedals

Golden-ratio three-point sitting position

Even long driving is not tiring

Following the ergonomic standard, the three-point sitting position is designed according to the golden ratio, easy to control, minimizing burden on the lumbar spine, and creating more comfortable driving experience.



Intelligently explored life

Born Unique

Intelligent brain

BMOS intelligent interactive system from independent research and development uses innovative technology to interconnect human, motor and the cloud, gives the motor the ability of perception to connect human with motor, and motor with the cloud, and keeps collecting and processing data to let you enjoy the fun of smart travel!

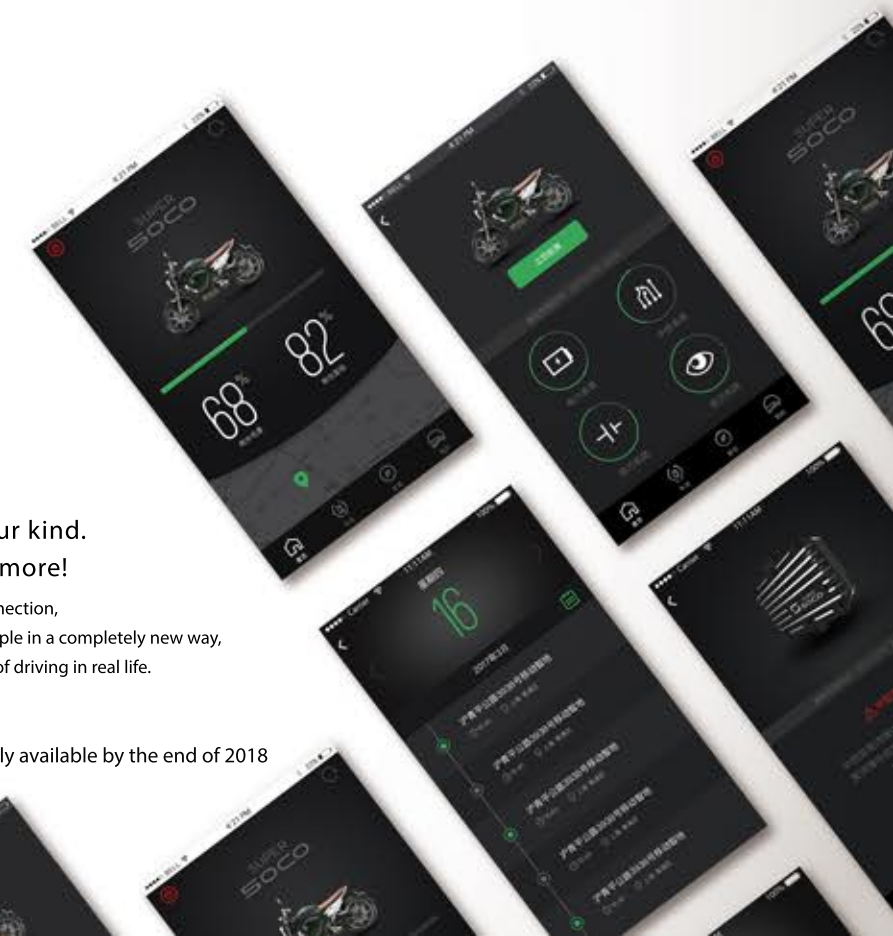
Intelligent driving at your will

With motor condition check, anti-theft location, fault warning and moving route, get and master driving information from different dimensions.

Gather with your kind. Not lonely any more!

Start mobile social connection, communicate with people in a completely new way, and experience all fun of driving in real life.

probably available by the end of 2018





CBS brake system

Efficient brake ensures safety

240mm circular disc brake, double-piston floating caliper, brake system of 180mm disc brake for the rear wheels and single-piston floating caliper improve brake performance of the whole motor. Assign the driver's reasonably to the front and rear wheels. Details for the ultimate performance. Iron brake hose is used for higher anti-expansion coefficient; High polymer brake shoe has lower noise and more environmentally friendly.



FOC vector controller 2.0

More user-friendly and more energy-saving

FOC vector controller with core technology seamlessly docks at BMOS intelligent interactive system of independent research and development. With high-precision control algorithm program, the potential of electrical drive system performance is motivated. The input power is largely increased by 14%. It is upgraded with new power system. The newly developed three-speed proportional system is more user-friendly. After optimization, 1 gear is more energy efficient, 2 gear shows the optimal energy efficiency ratio, and 3 gear sees improved power performance. More in line with travel habits



18650

Lithium battery pack of ultra large capacity

Sufficient energy output

Passed multiple UN38.3* extreme tests Full compliance with UN safety standards; high-capacity Panasonic/ Samsung/LG 18650 battery cells fully realize high energy supply and show excellent performance and safety of discharge; extend the driving range with breakthrough, and have longer overall mileage. No worries during long distance travel.

- Over discharge protection
- Overcharge protection
- Overcurrent protection
- Short circuit protection
- Temperature protection
- Battery equalization

LCD electronic pointer instrument

Ingenious combination of technology and retro style

Following the impression of classic mechanical pointer of café racer, it is more refined. Simple and graceful white backlight enhances texture in details.



BOSCH 17-inch magnetic power motor

Enjoy the sensory stimulation at the starting moment

We cooperate with BOSCH in developing the new 17-inch large-diameter high-performance power motor.

- 150N.m Peak torque
- 17° climbing angle
- 550rpm revolving speed
- 92% energy efficiency conversion

