

OXWIN EG1

EG1 is a zero-emission electric straddle bike specially designed for rapid commuting in cities. Low-center-of-gravity layout, better control, or enjoy the freedom of driving through city streets or on interstate highways.

100 KM/H

top speed

120 KM

Range (speed 45KM/H)

72 V 48 AH

2 * battery capacity

2.9 S

0-50KM/H acceleration



OXWIN EG1



8000 w

Peak power of electric motor

240 N·m

Peak torque

Battery extraction

Quick battery removal and replacement

Central motor

Direct drive transmission mode

Carbon fiber belt

German horse brand

FOC v3.0

Vector controller

Double parallel connection

BMS 2.0 battery management system

CBS linkage system

Front and rear disc brakes

turbo mode

Beast likely power output

3rd gear drive

ECO/NORMAL/SPORT

OXWIN EG1



Side brace
induction



Anti-theft
monitoring



Vehicle positioning



Smart Key



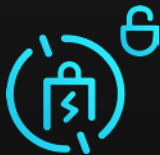
OTA remote
upgrade



Color screen
instrument



Cruise control



Battery safety
detection

OXWIN EG1



Competitive products
of the same kind in the
international market

VS

SOCO TS2021



Single-arm hub electric motor	Electric motor	Central electric motor-chain drive
rated 3.0 KW peak is 8.0kw.	power	2.5 KW rated ,peak N/A KW
240 Nm	torque	180 Nm
100 KMH	Top speed	75 KMH
2.9 S	0~50KM/H acceleration	N/A S
120 KM	Range	120 KM
7v24ah× 2, totaling 3.46KWH	lithium battery	60V 32AH, 1.92KWH in total.
	Selling price	Rmb45,000 (double edition)

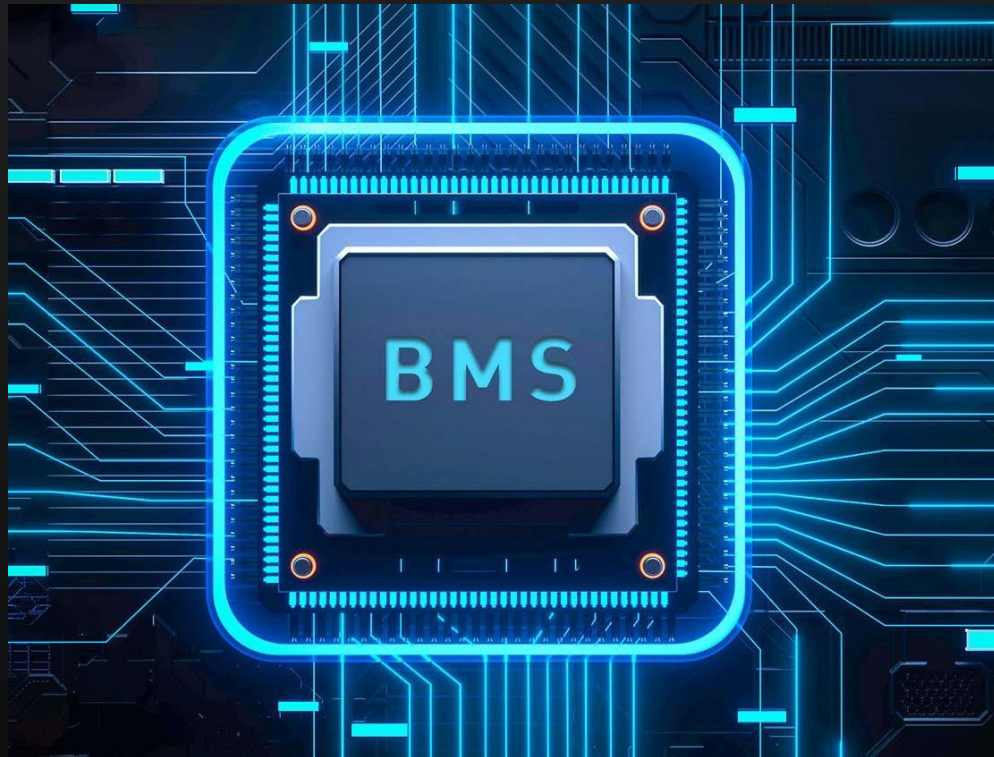


Core technology



BMS v2.0 intelligent battery management system

OXWIN technical team and DE.POWER professional team jointly developed the double parallel system and the BMS bottom model of the exclusive controller, which collected the voltage, current temperature and the charging and discharging times of the battery pack in real time, and gave the battery six times of safety protection through the precise SOC algorithm. Monitoring and synchronizing the data with APP in real time, effectively protect the battery and prolong the service life of the battery.



Double parallel
connection

Battery
equalization

fault diagnosis

Overcharge
protection

Overdischarge
protection

Short circuit
protection

overcurrent
protection

Temperature
protection

MOS fault
protection

FOV3.0 vector controller

OXWIN technical team and VOTOL professional team jointly developed FOV3.0 vector controller. FOV3.0 vector controller accurately controls the electric motor, which can quickly and smoothly complete the acceleration in a short time. From 0 to 50km/h only takes 2.6S. It can also accurately analyze the riding data. There are four modes including economy, standard, sports and TUBRO. Knights can freely adjust it according to road conditions and terrain, thus can easily respond to all road conditions.

Four modes

ECO NOMAL SPORT TURBO

Energy recovery

Control electrodeless intelligent energy recovery brake

2.6s acceleration

0-50KM/H acceleration

Car-grade communication

The whole vehicle adopts CAN communication structure

