KS-S19（KING KONG） Specifications

Product Performance	
Model	KS-S19
Max. speed	It can be decoded and adjusted to 60KM/h, after riding for 5KM.The idling speed is 100KM/h (Factory alarm settings: 18km/h first level alarm, 19km/h second level alarm, 20km/h third level alarm and warp plate).
Mileage	Around150km (Condition: load:60KG,temperature:25-30℃,no wind，20km/h,flat road)
Max. Gradeability	Around 40° （84%）(Condition: load:60KG,temperature:25-30℃)
Battery information	Cell：96 pcs LG50LT Rated Voltage： DC 88.8V Top Charing Voltage： DC100.8V Rated Capacity：1776Wh Battery Protection board: Equipped with intelligent BMS battery management system, such as balance, overcharge, overcurrent, short-circuit protection, and abnormal analysis.
Temperature	-10℃/+45℃
Max. load	120KG
Charing voltage	Input:AC 100-240 V，Output:DC 100.8V、5A
Charing time	With 5A chargger : 1776Wh about 4-5h (charge time halved with two same chargers)
Rated output power	3500W
Max. output power	6500W
Dimension & Weight	
Dimension	Dimension of EUC： 540mm(L) * 320mm（W）*790mm（H）
Package	705mm(L) * 325mm（W）*950mm（H）
Suspension	DNM RCP 2S 750 lb spring shock absorber with mounting hole 240±2mm and travel 110mm
Suspension travel	Frame spring travel 130mm, spring travel 75mm
Pedal Altitude (from ground)	190-128（mm），Standard Angle of 6°
Tire Size	18*3.0inch
Net weight	Around 32KG
EUC Port	Five-core 16mm aviation head charging port *2； Power switch; Light sensing port; USB discharge port *2 (USB-A&Type-C), output power USB-A output 15W, Type-C output 20W.
Tailight	Cool column stripes rear RGB brake lights
Protective Measures	
Lift sensor switch	Photoelectric switch to detect the user's handling more sensitive and accurate
Roll protection	The Angle of protection is 45 degrees (if it exceeds 45 degrees, the motor will stop running). After righting, the power will be restored without restarting. The App can adjust the protection angle according to the user's usage scenario.
Speed limit protection	Overspeed buzzer alarm or speech broadcast + pedal warping prompt
Low power protection	When the remaining power is about 30%, the speed limit protection will be started and linearly decrease according to the alarm setting value. When the remaining power is 5%, the buzzer will give an alarm. When the power is 0%, the front end of the pedal will start to lift and gradually slow down until it stops
High temperature protection	The motherboard is warped at 80℃ and the motor is warped at 140 ℃
Motherboard waterproof protection	The U-shaped slot between the motherboard seat and the upper cover plate is connected with silicone sealing ring, which greatly enhances the waterproof performance and provides a safe waterproof guarantee for the motherboard seat.
Anti-slip protection	The foot pedal is evenly arranged with raised small columns in accordance with the stress position of the sole of the human foot, which is more effective than the traditional paste sand to protect and prevent slip, and greatly improves the safety performance and riding experience
Upside down stop device	According to the design of the vehicle, the foot support device is added, which can open and close freely, convenient operation, and no longer worry about falling when parking.
Left and right leg guard protection	The left, right, upper and lower leg warmers are designed with ergonomic design, and are formed by soft foaming self-crusting. The hardness is moderate, increasing the sense of acceleration and deceleration, and better protecting the body

Message	
Power on/off	Short press the power button to turn on EUC. Long press the power button, to drop a sound and power off EUC.
Battery level	The LED lattice screen displays the power when the EUC is turn on and no riding.
Speed display	LED dot matrix screen displays speed in riding mode
Audible reminder	Voice prompt function: Please charge the device ASAP（Your device is in low battery, please charge it ）； You are speeding. Please slow down（Pls decelerate）； Connect Bluetooth（Bluetooth is connected ）； Disconnect Bluetooth（Blutooth is disconnected）； Be caution, over voltage.（Be caution, over voltage）； Over heated alarm.（Be caution, over power）； Please pay attention, at this condition power is about to reach the limit （Be caution, over power）； Buzzer beeping（BI）。
Hardware Configuration	
Motherboard	The whole board adopts 4 layer board structure design, the whole machine works more stable. 12 imported MOS in TO-247 large package provide a strong guarantee for 3500W motor. MOS tube is directly fitted on the magnesium alloy main board seat, and the bottom of the magnesium alloy main board seat is directly connected with the body, which can dissipate heat quickly, providing a strong guarantee for fast and stable operation.
Music system	1. The system comes with Bluetooth music, which can be connected to the EUC through the mobile phone to play music. Bluetooth 5.0 technology provides better sound quality for playing music; 2, The use of independent stereo sound design, (configuration of 15W woofer +20W tweeter) *2, plus a unique guide hole, make the bass more thick, treble more transparent; 3. Pluggable USB disk plays music on USB-A.
USB output	1* Type-C Fast Charge +1 USB-A (pluggable USB drive to play music)
Charging	It provides two charging ports that can be plugged into two chargers for quick charging of the device
RGB lights	Almost the whole body covered with magic lights, a total of 164 RGB lights.The light pulsates with the music spectrum, showing a variety of light effects, making the vehicle more cool
Bluetooth	5.0 Bluetooth module, more compatible and more stable data transmission.
Headlights	One set of left and right lights, a total of 6 pcs 5W lights. The integrated RGB daily lights, can adjust the color, and the brightness according to the speed automatically. The two lights can be adjusted the angle separately to ensure the good lighting at night.
Tailight	Integrated rear red brake light and turn signal light.
Display	32*32 dot matrix display. Power, speed, fault code, spectrum display and other information all in one.
Temperature control system	Motherboard, motor, battery temperature real-time monitoring to ensure the good security of users.
Handle	New front and rear handle design, more convenient, stable and reliable.
Trolley	Portable independent U - shaped pull rod design.
Motor	High 3500W hollow shaft motor is used to provide a strong sense of acceleration for riders.
Battery	LG21700 5000mA cell, vehicle distribution design of two groups of independent batteries, battery protection board using a new BMS battery management system, real-time monitoring of cell safety, aluminum body and battery box integrated design, more reasonable design, safer use.
Suspension system	Unique X-shaped connecting rod damping structure,adopting the unique lever structure of racing class to achieve strong support and soft linear damping experience.
Seat cushion	No
Pad	Front and rear acceleration and deceleration pads, foot pads.
Package	
Standard parts	1* charger, 1* manual, 1* warranty card, 1*Certificate of qualification
Outlook	 