

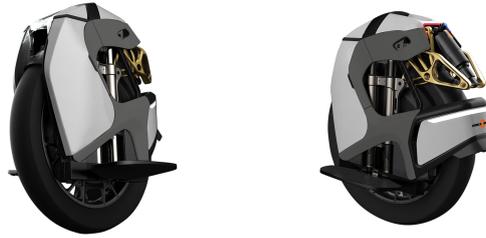


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KING SONG KS-S18 Newly Released

Ref.Photo



1. Sports Bike inspired design. Aerodynamics with air intake system. Aggressive curvature design
2. Variable Linkage dampening air suspension system using 200-57 suspension
 - a. X shaped suspension travel of 100mm
 - b. Suspension is interchangeable and allows for personal modification and custom ride style
 - c. Adjustable air suspension system from on to off. Off state still reacts to big bumps but will ride similar to a wheel without suspension.
 - d. Rotary switch for sensitivity adjustment
 - e. Different pressurization can be adjusted to according to rider weight
3. Padding designed in cooperation with Kujirolls
4. User Experience focused ergonomic design to connect wheel with rider
5. 12 MOS design connected to aluminum body frame for fast heat dissipation without the need of fan
6. Headlights are 2 times stronger to the 16X with 2*5w (high beam) and 2*4w (short beam) with automatic sensor to switch between modes
7. Ergonomic handle designed for pushing and lifting which can be hidden inside body frame when not in use.
8. First ever high performance wheel with limited wiring with all key components housed on PCB
9. Rear light displaying battery level, braking and turning signals all within one singular unit.
10. 21700 Battery system for better; efficiency to space ratio

Product Performance

Model	KS-S18
Top Speed	Full speed unlocked after 10km. Max speed of 50km/h (Factory alarm settings: Level 1- 18km sound alarm Level 2- 19km sound alarm Level 3- Sound alarm with tiltback)
Mileage	1110Wh (around 100km)
Maximum Gradibility	Around 35°
Battery	Rated Power: DC 74V Top Charging Voltage: DC 84V Rated Capacity: 1110Wh Smart BMS with balance and protect overshoot/ over discharge/ overcurrent/ short circuit/ overheating function, support monitoring the battery conditions via KingSong APP
Operating Temperature	-10℃/+60℃
Max Load	120kg
Charger Voltage	Input AC 80~240 V , output DC 84V、 2.5A
Charging Time	1110Wh: about 6h 2.5A
Rated Power	2200w
Max Power	5000w
Color	White & Rubber Black

Dimension & Weight

Dimension	657-557mm (H) x 530mm(L) X 200mm (W)
Package Size(mm)	630*295*750mm
Suspension Specification	200-57 Air suspension

Suspension Distance	Using a variable lever the wheel has dampening travel distance of 100mm which is transferred to the rear spring suspension with a travel distance of 57mm.
Pedal Altitude (from ground)	210-110mm
Tire Size	18inch Diameter 3.0"inch
Weight	1110wh around 25kg
EUC Port	Charging port; Switch port; Light sensor port; USB discharge port
Light UP Displays	Rear light housing displays battery level, braking and turning signals all in one unit
Protective Measures	
Lift Sensor	Lift sensor accurately senses and determines when wheel is lifted off the ground to stop tire rotation.
Roll Protection	45° left and right side. (Motor stalls when over 45°) Place the machine vertically on the ground will restart automatically, no need to restart manually
Speed Limit Protection	Beep alarm or voice alarm when exceed limit speed
Low Battery Protection	Low battery protection activated on 30% battery, speed will decreases linearly; when the battery is lower than 5%, voice alarm for charge, when battery at 0%, the front part of the pedal will rise to decelerate until full stop
Higher Temperature Protection	When the motherboard reaches 80°C it will result tiltback. When the motor reaches 120°C it will result in tiltback.
Alarm & Features	
Swith On/Off	Short press power key: turn on Long press: hear a click then turn off
Battery Indicate	Led shows battery level when EUC power on at rest
Hardware Features	
Mainboard	he motherboard is designed with a 4 layer structure, allowing for better stability performance. 12 large individual TO-247 imported MOS to sufficiently support the 2200W motor. MOS is attached to the aluminate body frame of the wheel for better heat dissipation.
Bluetooth	Bluetooth 4.0. Allowing strong stable data transmission
USB Output	Quick charge 3.0
Front Light	2*5w light high beam with 2*4w short beam. Double the strength of the 16x, providing excellent illumination at night
Temperature System	Temperature of the motherboard is continously closely monitorered to ensure rider safety
Handle	Aluminum constructed handle designed for ergonomic pushing of the wheel or lifting of the wheel
Motor	Higher power 2200w motor that provides a maximum torque of 140N.m providing fast acceleration
Suspension System	Unique X shaped suspension system. Racing level suspension provides the ultimate support and shock absorption
Package	
Standard Accessories	1x Charger, 1x Manual, 1x Pump, 1x Warranty card, 1x QC certificate