



# KINGSONG INTELL CO., LTD

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KINGSONG KS-16X	
Ref. Photo	
<div>1. Control board: 4 layer control board, more stable performance, imported TO-247 MOS ensure high performance of 2200w motor, turbo inverter fan, adjust wind according to MOS temperature;</div> <div>2. Newest BT 5.0;</div> <div>3. BT 4.0, more compatible, more stable data transfer;</div> <div>4. 4pcs 5W full frequency speaker + 1 x 20w bass speaker;</div> <div>5. USB output: 1 x QC 3.0 fast charge + 1 USB port support music plug and play;</div> <div>6. Charging port: two usb charging ports to accelerate charging;</div> <div>7. DIY atmosphere LED, flick with frequency spectrum; sperate turning and brake lights;</div> <div>8. Temperature control system: real monitor of control board and motor;</div> <div>9. Illuminating lights with imported 5W light bead for safety riding;</div> <div>10. Magnesium Intergrated handle bar;</div> <div>11. 2200w high speed motor;</div>	
Product Performance	
Model	KS-16X
Top Speed	Can decode to 50km/h after riding 10km ( Default setting: 1st beeping at 18km/h, 2nd beeping at 19km/h, pedal tilt at 20km/h)
Mileage	1554 Wh (140-160km)
Maximum Gradibility	Around 35°
Battery	Rated Power: DC 74 V Top Charging Voltage: DC 84 V Rated Capacit 1554 Wh Smart BMS with balance, over charge, over current and short-circuit protection
Operating Temperature	-10℃/+60℃
Max Load	120 KG
Charger Voltage	Input AC 80~240 V, output DC 84V, 2A/3A
Charging Time	1.5A charger: 1554 Wh around 14h / 2.5A Charger: 1554 Wh around 8.4h
Rated Power	2200 W
Max Power	4200 W
Color	Black
Dimension & Weight	
Dimension	590mm (H) x495mm (L) X 180mm (W)
Package Size(mm)	740mm (H) x560mm (L) X 300mm (W)
Pedal Altitude (from ground)	180 mm
Tire Size	16*3.0
Weight	around 24.3 KG
EUC Port	Charging port x 2; Switch port x1; Light sensor port x1; USB discharge port x2
Protective Measures	
Lift stop rotation	Dual mechanical switch to detect the lift motion,more agile and accurate

Tilt 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.
Over-temperature Protection	Pedal tilt back when control board temperature reach 80℃, motor temprature reach 120℃. Fan will be activated when control board temperature over 50℃. Fan will stop working when temperature lower than 40℃
<b>Alarm &amp; Features</b>	
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
Sound Notification	EUC fall down, buzzer beep alarm for 5 seconds, Voice alarm: 1. Low battery alarm: Your device is in low battery, please charge it. (Please charge the device ASAP) 2. Over speed alarm: Pls decelerate. (Please slow down at once) 3. Connect Bluetooth: Bluetooth is connected. 4. Disconnect Bluetooth: Bluetooth is disconnected. 5. Over voltage alarm: Be caution, over voltage. (Please pay attention, this is dangerous alarm!) 6. Over heated alarm: Be caution, over power. (Please pay attention, at this condition power is about to reach the limit) 7. Buzzer beeping
<b>Package</b>	
Standard Accessories	1.5A Charger x1, user manual x1