

# BORN FOR LONG DISTANCES, ONECITY LONG RIDE S 7M ALLOWS A RANGE OF 160KM WITH ONLY ONE RECHARGE

**OneCity Long Ride S** is the model of Wayel's Leisure segment. Available in 7-speed gear version, OneCity Long Ride S is equipped with ESEB software (Energy Saving Electric Bike), introducing the concept of reserve and extending the range up to 160 km with only one recharge cycle. The response time of **soft start** function is more reactive: 1.2".

The adjustment of speed sensor permits the start of the electric motor just only after 1/3 pedal stroke. Shaft drive transmission, grand touring riding position, super comfort seat, wide tread tyres with anti-puncture gel and suspension front fork make OneCity Long Ride S a perfect leisure bike for long distances. Shimano Nexus 7-speed gear allows an excellent integration

with the rider's pedalling frequency on flat routes. Moreover, thanks to the increase of motor torque, OneCity Long Ride S enables 15% slopes to be ridden comfortably with only medium intensity muscle use. The gear, that can be changed at rest, is enclosed in the rear hub and can obviously be controlled from the handlebar.



- 1** Shimano Nexus 7-speed gear. The rotation gear command, placed on the right grip of handlebar, allows to shift gears even at stationary position
- 2** The wide handlebar, the comfortable seat and the position of frame allow a full comfortable riding
- 3** Strengthened kick-stand: highest steadiness in rest, also with overloads
- 4** Suntour suspension front fork

- 5** Anti-puncture gel and wide tread tyres
- 6** Spanninga LED lights, low consumption technology
- 7** 250W Brushless motor, 19Nm torque
- 8** Multifunction control unit: **soft start** function, 3 levels of assistance

## Technical features

Model	unisex	Wide tread wheels/tyres	26"x1.75" anti-puncture gel	Brakes	V brake/drum	Gear	Shimano Nexus 7-speed gear
Transmission	shaft drive	Motor power/torque	250W / 19Nm Brushless	Saddle	special comfort	Standard accessories	ESEB software; multifunction control unit, <b>soft start</b> device; wide front basket; extra-strong kick-stand
Colour	off-white/crimson	Weight excluding battery	22.4 kg	Front fork	Suntour suspended	Optional accessories	carrier; rear bags
Frame	hydroformed aluminium 6061	Battery	removable LiPo 25.2 Volt	Lights	front & rear Spanninga LEDs		
Speed limit	25 km/h						





## Test of distances covered in km with different assistance levels

		9Ah battery		12.5Ah battery		24Ah battery			
		Speed 2	Speed 3	Speed 2	Speed 3	Speed 2	Speed 3	km	km
		43	13	62	18	140	20	83,5	83,5
		6,5	2,2	3,5	1,5	14	6	43,5	43,5
								km	km
								62,5	62,5
								38,2	38,2

## Speeds

Ah-Volt range	9Ah-25.2V SMALL PLUS				12.5Ah-25.2V MEDIUM				24Ah-25.2V LARGE			
	standard	reserve	end of charge	total	standard	reserve	end of charge	total	standard	reserve	end of charge	total
speed 2	43	13	6.5	62.5	62	18	3.5	83.5	140	20	14	174
speed 3	31	5	2.2	38.2	38	4	1.5	43.5	86	9	6	101

Operational tests carried out by a third part or extrapolated by test data carried out by this part. Test conditions: external temperature 25 °C, asphalt road surface, typical town mixed road, rider weight 75 kg, normal traffic conditions.  
 1. Standard range calculated with medium speed between 25 and 22.5 km/h; 2. Reserve range calculated with medium speed between 22.5 and 19 km/h.

## Performance features

max. upward slope overtaken output speed	speed at the overpass (4%)	max. upward slope overtaken from rest ( <i>soft start</i> )	max. acceleration 0-50 m
17% / 7 km/h	20 km/h	20%	11"

