

# Twist 2.0

1. Frame sizes 44cm, 50cm and 56cm
2. Wheel Size 700x38C
3. Weight of bike 25KG (33.6kg with Batteries)
4. Weight per battery 4.3Kg
5. Number of batteries 2 (RRP £200 per Battery)
6. Battery Ni-Mh 9Ah (Nickel Metal Hydride)
7. Battery Life Approx 500 Cycles
8. Charging Time Approx 4-5 hours
9. Charger 24V 1.8A (RRP £50)
10. Number of Chargers 1
11. Refresh Battery After every 15 Chargers
12. Refresh Approx 2~18 hours (depending on charge left in Battery)
13. Motor Unit DC 24V 200W (Sanyo) Bush-less
14. Assist Mode, when your speed reaches 25KM/H/15MPH the motor will automatically disengage. When your speed drops below 25KM/H/15MPH the motor will assist again
15. Regenerative button; this button can be used to put a trickle charge in to the battery if you do not need the battery i.e. down hill.
16. If both batteries are empty you can use the motor as a dynamo to power your front light.
17. Three modes, Eco, Normal and Sport.
18. 7 speed Nexus
19. Rear Light AAA Batteries

Riding Conditions	Eco	Normal	Power
Flat /No Wind ↑	110~130 Km 68~80 Miles	90~120 Km 56~75 Miles	60~80 Km 37~50 Miles
Slope/ Gentle Breeze ↑	90~110 Km 56~68 Miles	60~90 Km 37~56 Miles	40~60 Km 25~37 Miles
Big Slope/ Head Wind ↑	80~100 Km 50~62 Miles	50~80 Km 31~50 Miles	30~50 Km 19~31 Miles

# Twist 1.0

1. Frame sizes 44cm, 50cm and 56cm
2. Wheel Size 700x38C
3. Weight of bike 25KG (30.2Kg with Batteries)
4. Weight per battery 2.6Kg
5. Number of batteries 2 (RRP £300 per Battery)
6. Battery Li 9Ah (Lithium Iron)
7. Battery Life Approx 600 Cycles
8. Charging Time Approx 4-5 hours
9. Charger 24V 3A (RRP £80)
10. Number of Chargers 1
11. Motor Unit DC 24V 200W (Sanyo) Bush-less
12. Assist Mode, when your speed reaches 25KMH/15MPH the motor will automatically disengage. When your speed drops below 25KMH/15MPH the motor will assist again
13. Regenerative button; this button can be used to put a trickle charge in to the battery if you do not need the battery i.e. down hill.
14. If both batteries are empty you can use the motor as a dynamo to power your front light.
15. Three modes, Eco, Normal and Sport.
16. 8 speed Nexus
17. Rear Light AAA Batteries

Riding Conditions	Eco	Normal	Power
Flat /No Wind →	130~160 Km 80~100 Miles	100~140 Km 62~87 Miles	80~100 Km 50~62 Miles
Slope/ Gentle Breeze →	110~130 Km 68~80 Miles	80~110 Km 50~68 Miles	60~80 Km 37~50 Miles
Big Slope/ Head Wind ↖	90~110 Km 56~66 Miles	60~90 Km 37~56 Miles	40~60 Km 25~37 Miles

# Suede

1. Frame sizes Gts M/18 and L/21 Lds L/16
2. Wheel Size 26"
3. Weight of bike 21 KG (27 KG with Batteries)
4. Weight per battery 6 KG
5. Number of batteries 1 (RRP £200 per Battery)
6. Battery Ni-Mh 9Ah (Nickel Metal Hydride)
7. Battery Life Approx 500 Cycles
8. Charging Time Approx 4-5 hours
9. Charger 36V 1.8A (RRP £80)
10. Number of Chargers 1
11. Motor Unit DC 36V 240W (Sanyo) Bush-less
12. Assist Mode, when your speed reaches 25KM/H/15MPH the motor will automatically disengage. When your speed drops below 25KM/H/15MPH the motor will assist again
13. Two modes, Eco and Normal
14. 7 speed derailleur system
15. Rear Light AAA Batteries

	Riding range	Riding condition	
		Road	Speed
ECO mode	65 km ( 40miles)	Flat	Top Gear 18 km/h ( 11.2mph)
ON mode	50 km ( 31miles)	Flat	Top Gear 23 km/h ( 14.3 mph)