



The Ascent: Advantages

- The Ascent has the most powerful motor controller in its class (18 amp, 9 mosfet, intelligent sine wave for you geeks) and it is from Bafang, Asia's top brand in ebike electrics. Our customers regularly tell us that our ebikes outperform others, on the road and on the trails;
- The thumb throttle on the Ascent will deliver full power, regardless of what pedal assist setting you are on. So if you're on the lowest level of pedal assist, but need a squirt of full power, simply push the throttle to get immediate maximum power;
- The Ascent offers 2 battery size options: 468 watt-hour for those who will not cover more than 40kms in a day of trail riding; 576 watt-hour for those who intend to do longer rides.
- We have a nationwide service network, spare parts available in NZ, and a 2 year warranty on the electrics, plus 6 years on the frame and 1 year on other parts.
- MeloYelo was founded to help support the EVelocity electric vehicle programme in schools. So, when you buy from MeloYelo, you Go Well AND Do Good.

SPECIFICATIONS

Motor	Bafang 36Volt 350Watt (limited to 300W)
Battery	LG. 468 watt-hour or 576 watt-hour
Charger	3 Amp CE/UL certified (50% faster than most)
Charge time	Approx. 4 hours
Controller	Bafang 18Amp, 9-MOS, intelligent sinewave. Most powerful in class.
Cabling	Bafang , waterproof with plug and play connectors
Display	Bafang LCD
Drive Mode	Bafang Torque sensor plus thumb throttle. Thumb throttle delivers full power regardless of which pedal assist level you are in.
Top Speed	32km/h, adjustable in the display
Frame	27.5" 6061 Aluminium Alloy
Fork	Suntour XCR with 100mm of travel, plus lockout
Gearing	9 speed Shimano Alivio. 11-34T in rear, 44T front
Shift	9 speed Shimano Alivio
Pedals	Wellgo, platform pedals
Headset	Neco, Sealed Bearing
Stem	Promax, adjustable
Handle bar	Aluminium Alloy
Brakes	Tektro mechanical disc with 180mm rotors front & rear
Levers	Tektro levers and motor inhibitor
Grips	Velo lock on rubber grips
Saddle	Selle Royal Freedom Plus gel (very comfortable)
Seat Post	Promax 400mm
Spokes	Stainless Steel, 36H
Tyres	Maxxis Ikon 27.5" x 2.2"
Kickstand	Yes
Chain Guide	Bafang chain guide, helps keep the chain on
Mudguards	Yes
Rear carry rack	Yes
Lights	Yes
Warranty	2 years electrics, 6 yrs frame, 12 months other parts
Colours	Black or silver, with yellow rims