

							
	Ascent MD: \$4595	Sinch Jaunt EZ2: \$5199	SmartMotion X-City Neo: \$4299	Avanti Explorer E1 Low: \$4999	Black ATB-L 48 volt: \$4699	Black ATB-L: \$3899	Liv Amity E+1: \$5499
Motor	350W 36V Bafang Max Drive, mid motor torque sensor with 80nm of torque	Shimano E6100, 60nm of torque (25% less torque than Ascent)	Dapu 300W mid drive with throttle.	Bosch G3 active line	Black mid drive	CMT, 63Nm of torque	Yamaha Syncdrive Sport, 70nm
Battery	630Wh	Shimano 504 Watt-hour (20% smaller than Ascent)	576Wh	Bosch Powertube 400Wh (very small)	720Wh	468Wh	625Wh
Display	Bafang C961				Color LCD		
Sensor	Torque & cadence sensor, integrated into MaxDrive						
Throttle	Throttle starting from 6km/h	No	Yes	No			
Top Speed for PAS	Not limited (adjustable in display)						
Wheel size	26" or 27.5"	27.5"	27.5"	27.5"	27.5"		
Fork	Suntour XCM with lock out and 100mm travel	Suntour NVX30 with 80mm of travel	Suntour XCM with 100mm travel		Not specified	Not specified	Suntour NEX E25 NLO, 75mm travel
Seat post	Regular, no suspension, 400mm				Suntour NCX suspension		
Gearing	Shimano Acera 8 speed, 11-32T	Shimano Alivio 9 speed, 38T front, 11-36T rear	Sunrace 9sp, 11-36T	Shimano Acera 8 speed	Shimano Deore 10 speed	Shimano Acera 9 speed	Shimano Deore 10sp CS M4100, 11-42T
Brakes	Tektro hydraulic with cutoff	Shimano hydraulic	Hydraulic, brand not specified	Tektro hydraulic	Hydraulic, brand not specified	Hydraulic, brand not specified	Tektro hydraulic
Tires	Maxxis puncture resistant	Maxxis Ikon 27.5 x 2.35"	Schwalbe Nobby Nic 27.5 x 2.35	Kenda Small Block 8, 29 x 1.75	Maxxis Ardent 27.5" x 2.2"	CST 27.5 x 2.4	Giant Crosscut Gravel
Kickstand	Yes, side kickstand	Yes	Yes	Yes	Yes		Yes
Mudguards	Yes, half mudguards.	Yes	Yes	Yes	Yes	Yes	Yes
Carrier/porter	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lights	Yes	Yes	Yes	Yes	Yes	No	Yes
Derailleur protector	Yes	No	No	No	No	No	No

Comments

Our Bafang motor has the most torque at 80nm and is highly rated by Consumer Reports NZ. Most of the competition only have 50 or 60nm of torque

MeloYelo is the only brand with a derailleur protector - very useful if your bike tips over

While the Black ATB-L is less expensive than the Ascent, the battery size is only 468Wh - 26% less capacity than ours. Not suitable for serious trail riding.

At 630 Wh, our battery is larger than most. Our tyres are puncture resistant.

The SmartMotion X-City Neo is a worthy alternative to the Ascent, but it has a smaller battery (9% less capacity) and the Dapu motor is inferior.