





The Traverse: Advantages

- The Traverse 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 Traverse 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 Traverse 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 EVolocity electric vehicle programme in schools. So, when you buy from MeloYelo, you Go Well AND Do Good.

www.meloyelo.nz

SPECIFICATIONS

BatteryLG. 468 watt-hour or 576 watt-hourCharger3 Amp CE/UL certified (50% faster than most)Charge timeApprox. 4 hoursControllerBafang 18Amp, 9-MOS, intelligent sinewave. Most powerful in class.CablingBafang, waterproof with plug and play connectorsDisplayBafang LCDDrive ModeBafang tCDTop Speed32km/h, adjustable in the displayFrame27.5° 6061 Aluminium AlloyForkSurtour XCR with 100mm of travel, plus lockoutGearing9 speed Shimano Alivio. 11-34T in rear, 44T frontShift9 speed Shimano AlivioPedalsWellgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro hydraulic disc with 180mm rotors front & rearSpokesStailless Steel, 36HSpokesStailless Steel, 36HSpokesStailless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraUightsOptional extra		
Charger3 Amp CE/UL certified (50% faster than most)Charge timeApprox. 4 hoursControllerBafang 18Amp, 9-MOS, intelligent sinewave. Most powerful in class.CablingBafang 100DisplayBafang CDDrive ModeBafang Torque sensor plus thumb throttle. Thumb throttle delivers full power regardless of which pedal assist level you are in.Top Speed32Km/h, adjustable in the displayFrame27.5" 6061 Aluminium AlloyForkSuntour XCR with 100mm of travel, plus lockoutGearing9 speed Shimano Alivio.PedalsWelgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro hydraulic disc with 180mm rotors front & rearSpokesStalines Steel, 36HSpokesStalines Steel, 36HSpokesStalines Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraUightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Motor	Bafang 36Volt 350Watt (limited to 300W)
Charge timeApprox. 4 hoursControllerBafang 18Amp, 9-MOS, intelligent sinewave. Most powerful in class.CablingBafang, waterproof with plug and play connectorsDisplayBafang Torque sensor plus thumb throttle. Thumb throttle delivers full power regardless of which pedal assist level you are in.Top Speed32km/h, adjustable in the displayFrame27.5° 6061 Aluminium AlloyForkSuntour XCR with 100mm of travel, plus lockoutGearing9 speed Shimano AlivioPedalsWellgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)SpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMuguardsOptional extraQuiranty2 years electrics, 6 yrs frame, 12 months other parts	Battery	LG. 468 watt-hour or 576 watt-hour
ControllerBafang 18Amp, 9-MOS, intelligent sinewave. Most powerful in class.CablingBafang, waterproof with plug and play connectorsDisplayBafang LCDDrive ModeBafang Torque sensor plus thumb throttle. Thumb throttle delivers full power regardless of which pedal assist level you are in.Top Speed32km/h, adjustable in the displayFrame27.5" 6061 Aluminium AlloyForkSuntour XCR with 100mm of travel, plus lockoutGearing9 speed Shimano AlivioPedalsWellgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearIeversTektro Nydraulic disc with 180mm rotors front & rearGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)SpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistant KickstandKickstandYesChain GuideBafang chain guide, helps keep the chain on MudguardsMuguardsOptional extraUightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Charger	3 Amp CE/UL certified (50% faster than most)
Controlierpowerful in class.CablingBafang, waterproof with plug and play connectorsDisplayBafang LCDDrive ModeBafang Torque sensor plus thumb throttle. Thumb throttle delivers full power regardless of which pedal assist level you are in.Top Speed32km/h, adjustable in the displayFrame27.5" 6061 Aluminium AlloyForkSuntour XCR with 100mm of travel, plus lockoutGearing9 speed Shimano Alivio. 11-34T in rear, 44T frontShift9 speed Shimano AlivioPedalsWeligo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversSelle Royal Freedom Plus gel (very comfortable)GripsSchwalbe Stant 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraRear carry rackOptional extraUaytranty2 years electrics, 6 yrs frame, 12 months other parts	Charge time	Approx. 4 hours
DisplayBafang LCDDrive ModeBafang Torque sensor plus thumb throttle. Thumb throttle delivers full power regardless of which pedal assist level you are in.Top Speed32km/h, adjustable in the displayFrame27.5" 6061 Aluminium AlloyForkSuntour XCR with 100mm of travel, plus lockoutGearing9 speed Shimano Alivio. 11-34T in rear, 44T frontShift9 speed Shimano Alivio. 11-34T in rear, 44T frontPedalsWellgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)SpekesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraQuironal extraUptional extraUightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Controller	
Bafang Torque sensor plus thumb throttle. Thumb throttle delivers full power regardless of which pedal assist level you are in.Top Speed32km/h, adjustable in the displayFrame27.5" 6061 Aluminium AlloyForkSuntour XCR with 100mm of travel, plus lockoutGearing9 speed Shimano Alivio. 11-34T in rear, 44T frontShift9 speed Shimano AlivioPedalsWellgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)SpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraRear carry rackOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Cabling	Bafang, waterproof with plug and play connectors
Drive Modethrottle delivers full power regardless of which pedal assist level you are in.Top Speed32km/h, adjustable in the displayFrame27.5" 6061 Aluminium AlloyForkSuntour XCR with 100mm of travel, plus lockoutGearing9 speed Shimano Alivio. 11-34T in rear, 44T frontShift9 speed Shimano AlivioPedalsWellgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro lovers and motor inhibitorGripsSelle Royal Freedom Plus gel (very comfortable)SoddleSelle Royal Freedom Plus gel (very comfortable)SpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraIghtsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Display	Bafang LCD
Frame27.5" 6061 Aluminium AlloyForkSuntour XCR with 100mm of travel, plus lockoutGearing9 speed Shimano Alivio. 11-34T in rear, 44T frontShift9 speed Shimano AlivioPedalsWellgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)SpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraRear carry rackOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Drive Mode	throttle delivers full power regardless of which pedal
ForkSuntour XCR with 100mm of travel, plus lockoutGearing9 speed Shimano Alivio. 11-34T in rear, 44T frontShift9 speed Shimano AlivioPedalsWellgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)SpekesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraRear carry rackOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Top Speed	32km/h, adjustable in the display
Gearing9 speed Shimano Alivio. 11-34T in rear, 44T frontShift9 speed Shimano AlivioPedalsWellgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)Seat PostPromax 400mmSpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraRear carry rackOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Frame	27.5" 6061 Aluminium Alloy
AdditionalAdditionalShift9 speed Shimano AlivioPedalsWellgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro levers and motor inhibitorGripsYelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)Seat PostPromax 400mmSpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraIghtsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Fork	Suntour XCR with 100mm of travel, plus lockout
PedalsWellgo, platform pedalsHeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)SpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraLightsOptional extraWarrantyyears electrics, 6 yrs frame, 12 months other parts	Gearing	9 speed Shimano Alivio. 11-34T in rear, 44T front
HeadsetNeco, Sealed BearingStemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)Seat PostPromax 400mmSpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraLightsOptional extraLights2 years electrics, 6 yrs frame, 12 months other parts	Shift	9 speed Shimano Alivio
StemPromax, adjustableHandle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)Seat PostPromax 400mmSpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraLightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Pedals	Wellgo, platform pedals
Handle barAluminium AlloyBrakesTektro hydraulic disc with 180mm rotors front & rearLeversTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)Seat PostPromax 400mmSpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraLightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Headset	Neco, Sealed Bearing
BrakesTektro hydraulic disc with 180mm rotors front & rearBrakesTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)Seat PostPromax 400mmSpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraLightsOptional extraLightsOptional extraYarsa LightsSo yes frame, 12 months other parts	Stem	Promax, adjustable
LeversTektro levers and motor inhibitorGripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)Seat PostPromax 400mmSpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraIghtsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Handle bar	Aluminium Alloy
GripsVelo lock on rubber gripsSaddleSelle Royal Freedom Plus gel (very comfortable)Seat PostPromax 400mmSpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraIghtsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Brakes	Tektro hydraulic disc with 180mm rotors front & rear
SaddleSelle Royal Freedom Plus gel (very comfortable)Seat PostPromax 400mmSpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraRear carry rackOptional extraLightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Levers	Tektro levers and motor inhibitor
Seat PostPromax 400mmSpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraRear carry rackOptional extraLightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Grips	Velo lock on rubber grips
SpokesStainless Steel, 36HTyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraRear carry rackOptional extraLightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Saddle	Selle Royal Freedom Plus gel (very comfortable)
TyresSchwalbe Smart Sam 27.5" x 2.25" puncture resistantKickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraRear carry rackOptional extraLightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Seat Post	Promax 400mm
KickstandYesChain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraRear carry rackOptional extraLightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Spokes	Stainless Steel, 36H
Chain GuideBafang chain guide, helps keep the chain onMudguardsOptional extraRear carry rackOptional extraLightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Tyres	Schwalbe Smart Sam 27.5" x 2.25" puncture resistant
MudguardsOptional extraRear carry rackOptional extraLightsOptional extraWarranty2 years electrics, 6 yrs frame, 12 months other parts	Kickstand	Yes
Rear carry rack Optional extra Lights Optional extra Warranty 2 years electrics, 6 yrs frame, 12 months other parts	Chain Guide	Bafang chain guide, helps keep the chain on
Lights Optional extra Warranty 2 years electrics, 6 yrs frame, 12 months other parts	Mudguards	Optional extra
Warranty 2 years electrics, 6 yrs frame, 12 months other parts	Rear carry rack	Optional extra
	Lights	Optional extra
Colours Charcoal or green, with yellow rims	Warranty	2 years electrics, 6 yrs frame, 12 months other parts
	Colours	Charcoal or green, with yellow rims