

**Full Suspension**  
**Fat MTB**  
**All Mountain**

**Model: ODIN 4.2 MTB**

VM-OD 42 48-500-160

**SPECIFICATIONS: CLASS 2 EBIKE**

**Motor(s)**

Front Motor	N/A
Rear Motor	Brushless BAFANG™ 48V 500W gear hub motor <b>UPGRADE</b>
Controller	48V 18A intelligent brushless
Torque	80 Nm Max torque with CADENCE sensor

**Battery**

Battery	48V 16Ah Samsung™ lithium-ion battery <b>UPGRADE</b>
Battery Watt Hours	768 Wh - a MONSTER!
Distance per charge	Approx. 38 miles or 61 kilometres
Battery charge time	4-6 hrs.
Wiring	High quality, weather-resistant connectors and wiring harness.

**Display**

Display	CDC6 display <b>UPGRADE</b>
USB plugin	Yes

**Braking System**

Braking Components	Front and rear Tektro™ HD-E350 Hydraulic Brake <b>UPGRADE</b>
Brake Roter	Front and rear Tektro™ 180mm
Brake pad	Metallic

**Frameset**

Frame	6061 "aircraft" aluminum alloy frame
Front fork	BOXER™ Suspension Front Fork, with lockout
Rear Shock	EXA FORM™ A5

**Wheels**

Rims	Custom build double-layer drilled aluminum alloy
Front tire	26" x 4.0" KENDA™ Krusade anti-puncture
Rear tire	26" x 4.0" KENDA™ Krusade anti-puncture
Max tire size	26" x 4.0"

**Drivetrain**

Shifters	SHIMANO™ Altus 7-Speed
Rear Derailleur	SHIMANO™ Altus 7-Speed
Crank	Aluminum alloy 48T
Cassette/Freewheel	SHIMANO™ 7 Speed anti-rust
Chainring	PROMAX™ 48T
Chain	Anti-rust
Pedals	Aluminum Alloy Black

**Other Equipment**

Saddle	Velo™ Plush silicon gel
Handle Bar	Alloy straight
Stem	Alloy adjustable
Seat post	PROMAX™ 300mm aluminum alloy, Tube diameter: 30.4mm
Kickstand	Custom built side kick
Headlight	Spannis™ LED <b>UPGRADE</b>
Tail light	Spannis™ LED with brake <b>UPGRADE</b>
Charger	48V 2Amp Smart Quick Charger. Voltage input: 110V~230V

**Dimensions**

Suitable rider height	5'4" - 6'4"
Dimensions	Length: 71" Handlebar height: 41.5" Max seat height: 41" Min. seat height: 33" Seat tube: 18.5" Wheelbase: 45" Handlebar reach: 17"
Max. load	300 lbs.



**Keep on crushing!**

A full suspension, 48V 500W mountain crusher, the Vamoose ODIN Mountain Bike brings enjoyment to trails full of bumps and chatter. With its impact reducing front and rear shocks that bear the brunt of trail impacts, the ODIN has been designed to dramatically reduce the impact on the rider while increasing traction and creating a very forgiving and enjoyable ride.

The Vamoose ODIN is a purpose-built Mountain Crusher. 500W motor provides the Maximum Power afforded under Canadian Law.

**Fenders & Rear Rack Standard!**