

**FRONT SUSPENSION**

**RANGER ST**

**UPGRADED**

**Model: RANGER ST**

VM FD RG 48 0-0-500 150

**SPECIFICATIONS: CLASS 2 EBIKE**

**Motor(s)**

Front Motor	n/a
Rear Motor	BAFANG™ 48V/500W rear hub motor
Torque	80 Nm
Sensor	Cadence

**Battery**

Battery	48V 15Ah Samsung™ lithium-ion <b>UPGRADED</b>
Battery Watt Hours	720 Wh
Controller	6 tube smart controller
	Low noise and durable 100~240V, 50-60Hz
Distance per charge	Approx. 36 miles or 58 kilometres
Battery charge time	4-6 hrs.
Wiring	High quality, weather-resistant connectors and wiring harness.

**Display**

Display	DZ41 LCD panel
USB plugin	No

**Braking System**

Brake components	Tektro™ Mechanical Disk Brakes Front and Rear
Brake pad	Metallic

**Frame**

Frame	6061 "aircraft" aluminum alloy frame
Folding Latch	Quick-release frame fold latch
Front fork	BOXER front suspension (by Vamoose)

**Wheels**

Rims	20" Black Alloy with Stainless Steel spokes
Front Tire	Chaoyang™ Mountain Tire 20" x 4.0"
Rear Tire	Chaoyang™ Mountain Tire 20" x 4.0"
Max Tire Size	20" x 4.0"

**Drivetrain**

Drive System	SHIMANO™ Tourney 7-Speed
Rear Derailleur	SHIMANO™ Tourney 7 speed
Crank	Aluminum alloy
Cassette/Freewheel	SHIMANO™ 7 speed
Chainring	48T chain-wheel crank
Chain	Anti-rust chain
Pedals	Folding Pedals

**Other Equipment**

Saddle	Comfort Saddle
Handle bar	Adjustable stem for comfort - Matte Black
Stem	Adjustable and folding aluminum alloy
Seat post	Aluminum alloy
Headlight	Wired LED <b>UPGRADED</b>
Tail light	Wired LED <b>UPGRADED</b>
Standard Charger	Standard 2A Charger

**Dimensions**

Suitable rider height	5'4" - 6'2"
Dimensions	Length: 76"
	Handlebar height: 40"
	Seat tube: 16.7"
	Wheelbase: 47"
Weight	60 lbs. with battery
Max. load	250 lbs.

**Propulsion**

Pedal Assist	YES
Thumb Throttle	YES



**Folding eBike**

*The economical Vamoose Front Suspension Foldable step-thru provides a quick folding commuter that is sure to provide the comfort and efficiency you need in an eBike!*

