

Florida's First e-Bike Manufacturer E-Technologies Lab Inc. Introduces Our Advanced Battery Management System BMS

Our new patent-pending BMS has been released on our first two models Z-Viper and Z-Python. Please visit our website for additional information.

VENICE, FL, UNITED STATES, February 26, 2026 /EINPresswire.com/ -- After two years of testing prototypes, E-Technologies Lab Inc. is releasing two of our advanced [e-bikes](#) with our new battery management system (BMS). Safety in lithium battery technology is the most important part of any [e-bike](#), our new BMS is years ahead of the competition.



Z-Viper and Z-Python Series e-Bikes

Z-VIPER FAT TIRE e-Bike Features:

- 4" Wide all Terrain Tires with Hydraulic Brakes
- 48V High Torque Brushless BAFANG Motor
- UL-Certified 48V 15Ah Removable Lithium-Ion Battery
- 5 Electric Riding Modes with 7 Speed Gears
- BUCKLOS Air-Suspension Front Forks
- Bicycgear Suspension Seat Post with Venzo Seat
- Impressive 60 - 80 Miles of Range



E-Technologies Lab Inc. guarantees our electric bikes are the safest produced on the market. Our engineered battery management system (BMS) with its safeguards is installed on all our packs."

Ron Engelhorn

Z-PYTHON 27.5" Mountain e-Bike Features:

- 48V 16AH Samsung Lithium-Ion Removable Battery
- BAFANG 48V High-Torque Brushless Motor
- 5 Electric Riding Modes with 7 Speed Gears
- BUCKLOS Air-Suspension Front Forks
- GORIX Seat with Bicycgear Suspension Post
- BUCKLOS 4 Piston Hydraulic Brakes
- E-Technologies Lab BMS and Controller

All our electric motorsports products are designed and tested by our engineers in Venice, Florida. E-technologies Lab Inc. only manufactures high-quality, safe products; all our lithium packs contain LG or Samsung cells.

About E-Technologies Lab Inc:

Founded in Venice, FL, by the Adamowicz and Engelhorn families, E-Technologies is Florida's first electric motorsports manufacturer.

Company Website:

<https://e-technologieslab.com/>

Link to Indiegogo:

https://www.indiegogo.com/en/projects/e-technologies-lab-/electric-motorsports-viper-python-ebike-series?ref=homepage-spotlight-crowdfunding-campaign-started_2

Media Contact:

Nick Engelhorn
 Matt Engelhorn
 E-Technologies Lab Inc.

<https://e-technologieslab.com/contacts/>



Z PYTHON

SPECIFICATIONS

Throttle Twist Throttle	Motor BAFANG Hub	Frame 6061-T6 Aluminum	Range 60-80 Miles	Top Speed 20 - 55 MPH
Range 60-80 Miles	Display LCD Display	Max Torque 90Nm+ (Depends Model)	Total Weight 71 Lbs	Colors See Options
Max Rider Weight 320lbs (145kg)	Battery Samsung 48V 16AH	Charge Time 4-6 Hours	Brakes BUCKLOS 4 Piston	Tires 27.5 X 2.35
Crankset BUCKLOS MTB	Cassette Shimano Tourney	Derailleur Shimano 7-Speed	Front Forks BUCKLOS Air	Seat Post Bicycgear
Seat GORIX Cushion	Pedals BUCKLOS MTB	Shifter Shimano TX50	BMS E-Technologies	Certification SGS - UL2849

Z-Python Series e-Bike



Z VIPER

SPECIFICATIONS

Throttle Twist Throttle	Motor BAFANG Hub	Frame 6061-T6 Aluminum	Range 60-80 Miles	Top Speed 20 - 55 MPH
Range 60-80 Miles	Display LCD Display	Max Torque 90Nm+ (Depends Model)	Total Weight 73lbs	Colors See Options
Max Rider Weight 360lbs / 163kg	Battery LG 48V 15AH 720WH	Charge Time 4-6 Hours	Brakes BUCKLOS 4 Piston	Tires 26" X 4" Fat
Crankset WEEROCK MTB	Cassette Shimano Tourney	Derailleur Shimano 7-Speed	Front Forks BUCKLOS Air	Seat Post Bicycgear
Seat Venzo Ergonomic	Pedals FOOKER MTB	Shifter Shimano TX50	BMS E-Technologies	Certification SGS - UL2849

Z-Viper Series e-Bike

Ronald Adamowicz
E-Technologies Lab Inc.
+1 941-376-6582
rona@e-technologieslabstore.com

Ronald Adamowicz
E-Technologies Lab Inc.
+1 941-376-6582

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