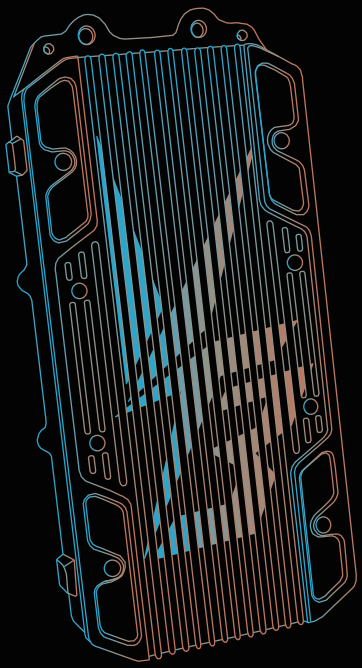
VTB

Venture To Begin



AETOS

V660 BENZ

AETOS VTB

Venture To Begin

V9600 GEN2

Let Your Adventure Begin with V9600 GEN2 AETOS

● Born for an exceptional user experience, it delivers outstanding heat dissipation and current handling performance. Built as solid as a rock and guarded like Zeus's shield, it's ready to conquer any terrain. Combined with precise throttle control, it offers power and stability for every ride. Every journey is safeguarded for you.

KEY SPECS			
Model	**AETOS PRO (Rated power 72V)**	**AETOS MAX (Rated power 96V)**	**AETOS ULTRA (Rated power 118V)**
Voltage	100V(**Breakdown@ 112V**)	120V(**Breakdown@ 138V**)	150V(**Breakdown@ 170V**)
Phase Current	1200A (Tested to 1600A)	960A (Tested to 1300A)	760A (Tested to 1000A)
Battery Series	12s(36V)-22s(93V)	12s(36V)-26s(110V)	12s(36V)-32s(135V)
Power	76kW		
MOSFET	30× high-performance MOSFETs		
Performance Enhancement vs. Gen1	Thermal Dissipation Capacity: ↑28.2% Temperature Rise Reduction: ↓18% Overcurrent Capability: ↑25%		
Seismic Performance	High-resilience silicone potting process that can meet ISO vibration testing		
Operating Temp	-30 to 80℃		
Waterproof Rating	IP67+		
Heat Sink Structure	New CNC heat sink, with thickened heat sink options available		
Features	● Safety-Isolated Power Architecture -1500V reinforced insulation between battery/throttle interface. ● Connect the BMS via Bluetooth -Real-time SOC/temperature monitoring and dynamic power limiting. ● Robust I/O Circuit Protection-Capable of withstanding prolonged high-voltage surges and short-circuit anomalies. ● High-Performance Throttle Sensing - 1000 Sa/s sampling rate and 0.0034V resolution. ● Compatible with 13 different types of bikes, 68 different types of batteries and 34 different types of motors. ● Plug & Play System -Complete wiring harness and mounting kit. Intuitive graphical App with one-touch auto-configuration. ● Built-in IMU- Future updates will unlock advanced features including wheelie assist, anti-rollover support, cornering G-force tracking, and high-precision electronic tip-over protection.		
Warranty	2 years. Replacement-only policy for MOSFET failure		

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V3600 GEN2

"FROM RIDERS' PERSPECTIVE, WE KNOW WHAT YOU WANT."

Founded by riders and engineered by gearheads. We understand the riders' core desire for ultimate control over their bikes – that's why we are obsessed with every millivolt of the throttle response. We achieve this with a lightning-fast 1000Sa/s refresh rate and micro-precise 0.0034V resolution. With customizable power curves, from startup to torque explosion, you can freely define your own unique power output. The motor control algorithm supports both speed and torque modes. Every twist of the throttle is a precise burst of power. You will be amazed with how smooth and powerful this controller can be.

Highly Compatible & Flexible

A quick 10-minute installation with plug-and-play connectivity - simply use your bike's original wiring harness with no wire cutting required. Powered by our proprietary high-precision motor-matching algorithm, it's seamlessly compatible with 99% of motors on the market , and it supports:

- 34 different types of motors
- 13 different types of bikes (including Light Bee, Ultra Bee, Talaria X3, 79 Bike Falcon, Rerode R1 E-ride Pro SS 2.0/3.0, and etc.)
- 68 different types of batteries

Stay ahead with one-tap OTA firmware upgrades via the app for quick performance enhancements.

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V3600 GEN2

"FROM RIDERS' PERSPECTIVE,
WE KNOW WHAT YOU WANT."

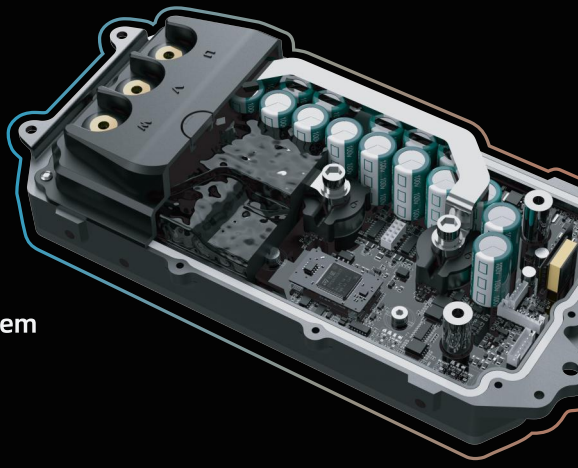
Ensuring Safety for Every Ride

Smart Battery Management System

- Direct battery data access with real-time monitoring of charge level and temperature
- Dynamically adjusts power, based on battery temperature that preventing potential risks to the rider from sudden shutdown and protecting the battery
- Overtemperature/Overload triggers automatic protection

Automotive-Grade Circuit Design

- 6-layer PCB precision routing
- Complete isolation between high-voltage and low-voltage circuits
- 20% improvement in signal acquisition accuracy



Advanced Protection Technology

- Triple anti-vibration fastening system
- High-resilience silicone potting encapsulation
- Compliance with ISO vibration testing

High-Voltage Isolation Protection System

- 1500V fully-isolated power architecture
- Optocoupler-isolated critical signal paths
- High-voltage interference shielding

Redundant Voltage & Current Design

- Ample margin for safety & long-term durability
- Eliminates MOSFET failure risk
- Reliability upgraded. Warranty extended to two years

High-Grade Waterproof Structure

- IP67 Rating. Performance is guaranteed even under drastic temperature changes
- Custom O-ring and high-temperature-resistant PC materials are employed to maintain a perfect sealing during prolonged high-temperature exposure

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V3600 GEN2

"FROM RIDERS' PERSPECTIVE, WE KNOW WHAT YOU WANT."

Efficient Cooling, Stable Performance

Our innovative thermal architecture combines:

- 30 High-performance MOSFETs | +25% Current Handling
- TOLL Packaging + Low-void Vacuum Solder | +30% Contact Area
- Thickened CNC heat sink + 8W Thermally-conductive Aluminum Substrate + 5W Thermal Grease

Result:

+28.2%
Cooling

-18%
Heat

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"HIGH-RESOLUTION COLOR DISPLAY."

- **Seamless Unlock**
  Automatically unlocks when paired phone is in proximity via Bluetooth, no password needed.

- **Password Access**
  Easily set up secure passwords through the control switch.

- **Battery Bind**
  Pair with the battery's BMS via Bluetooth to intuitively monitor detailed battery data and status.

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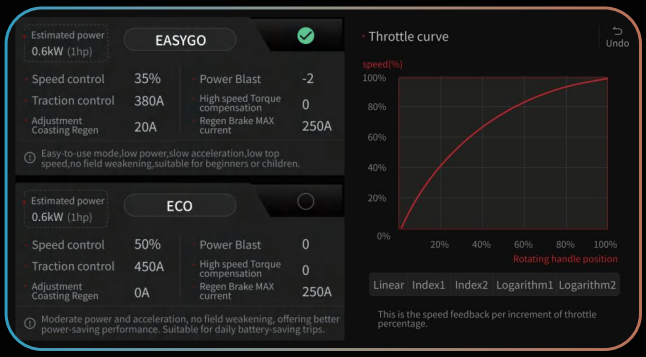
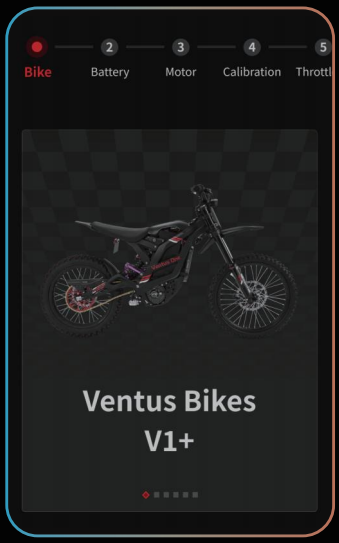
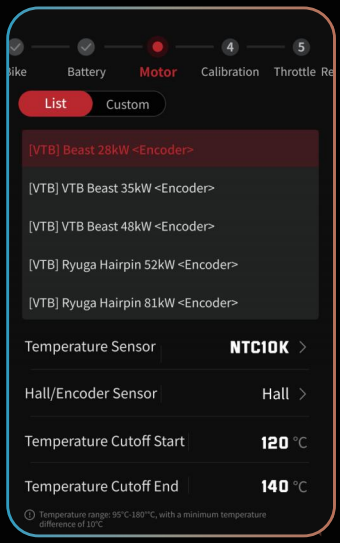
"ADAPTIVE DRIVING CONTROL SYSTEM FOR ALL SCENARIOS"

10 options are available in mode library, offering rich customization options.
The app comes pre-loaded with 5 user-friendly modes: EASYGO, ECO, SPORT, RACE, and BOOST.



Our extensive database delivers precise bike-battery-motor combinations in just few taps.





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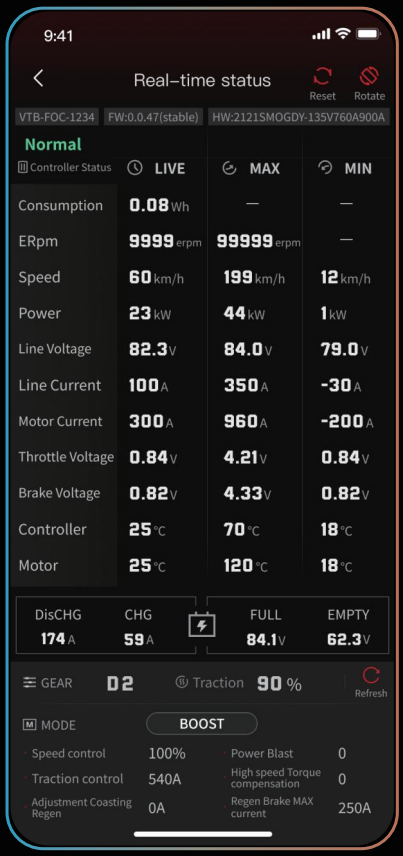
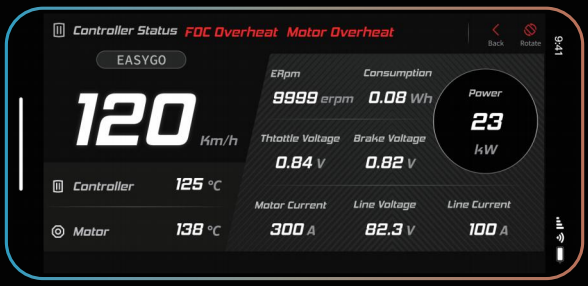
“ADAPTIVE DRIVING CONTROL SYSTEM FOR ALL SCENARIOS”

Live Data. Clear Vision. Real-time monitoring of all statuses clearly displayed.





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