



RLG
E-BIKES

2026 DEALER BOOK



Welcome 2026



We invite you to consider TLG Mobility as we launch in the USA for model year 2026. We are backed by TAILG—one of the world’s leading light electric vehicle manufacturers. Our team of U.S. bicycle industry veterans is committed to building strong, long-term partnerships with select dealers, offering high-quality e-bikes priced for today’s market, and supporting you with generous margins, flexible inventory policies, full range of parts and accessories, and robust annual marketing support.

With TLG Mobility, you’ll benefit from the comprehensive onboarding, staff training, extensive warranty policy, full parts availability, and a 5 year Total Shield coverage on every eBike. We’re dedicated to making your business successful with reliable products and dealer-centric programs. If you’re interested in hearing more and growing with us, please reach out today!

TLG: Thrive. Live. Go.

We believe in the freedom to move—and the courage to begin. TLG is built for those who seek clarity, confidence, and the simple joy of the ride.

Rooted in decades of innovation from TAILG, a global leader in electric mobility, we combine engineering excellence and worldwide supply chain strength to create e-bikes that are refined, reliable, and ready for real life. Our team brings centuries of collective expertise. We are engineers, designers, and riders—united by a belief in better journeys. We build bikes with purpose: clean frames, intuitive assist systems, and everything you need to leave worry behind and embrace the open road.

Performance you feel. Reliability you trust. Innovation that matters.

Your journey starts here. Thrive in the moment. Live fully. Go now.



What Is Behind Us



TAILG stands as one of the world's most established and influential manufacturers of electric two- and three-wheel vehicles. Founded in 2003, the group operates 10 R&D and production bases across China and Southeast Asia, backed by over 2,000 patents, and supports an annual production capacity exceeding 15 million units.

With products available in more than 90 countries through a network of 30,000+ outlets, TAILG has earned the trust of over 45 million global users. As an official UNEP E-mobility Partner and industry pioneer in long-range technology, the company leads large-scale sustainable mobility initiatives across Asia and Africa.

This global infrastructure and decades of expertise provide a foundation of reliability, innovation, and superior engineering for the TLG brand.

90+

Exported Countries

10000+

Employees

\$2.8 billion

Annual Sales

15,000,000

Annual capacity

30000+

Global stores

45,000,000+

Global users

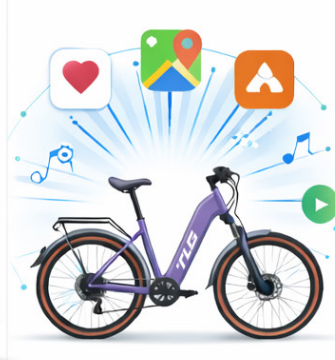


The TLG SmartDrive™ Core Philosophy:

Thrive with confidence. Live connected to what matters. Go on your own terms.



Advanced Connectivity
with SIM & Cloud



Integrated with Your
Favorite Apps



Smart Ecosystem:
Hardware & Software



Connected Wearables for
Smarter Riding

At TLG, our connected technology is never an end in itself. It's a meticulously engineered means to a simple goal:
Enhancing your ride, on your terms.

1. Purpose Over Gimmicks: Solving Real Rider Problems.

We build SmartDrive features to tackle genuine cycling pains—security, convenience, maintenance, and personalized performance. Our focus is on delivering tangible value that improves your experience. You invest in functionality you'll actually use and appreciate.

2. Security & Longevity: Your Trust, Built In.

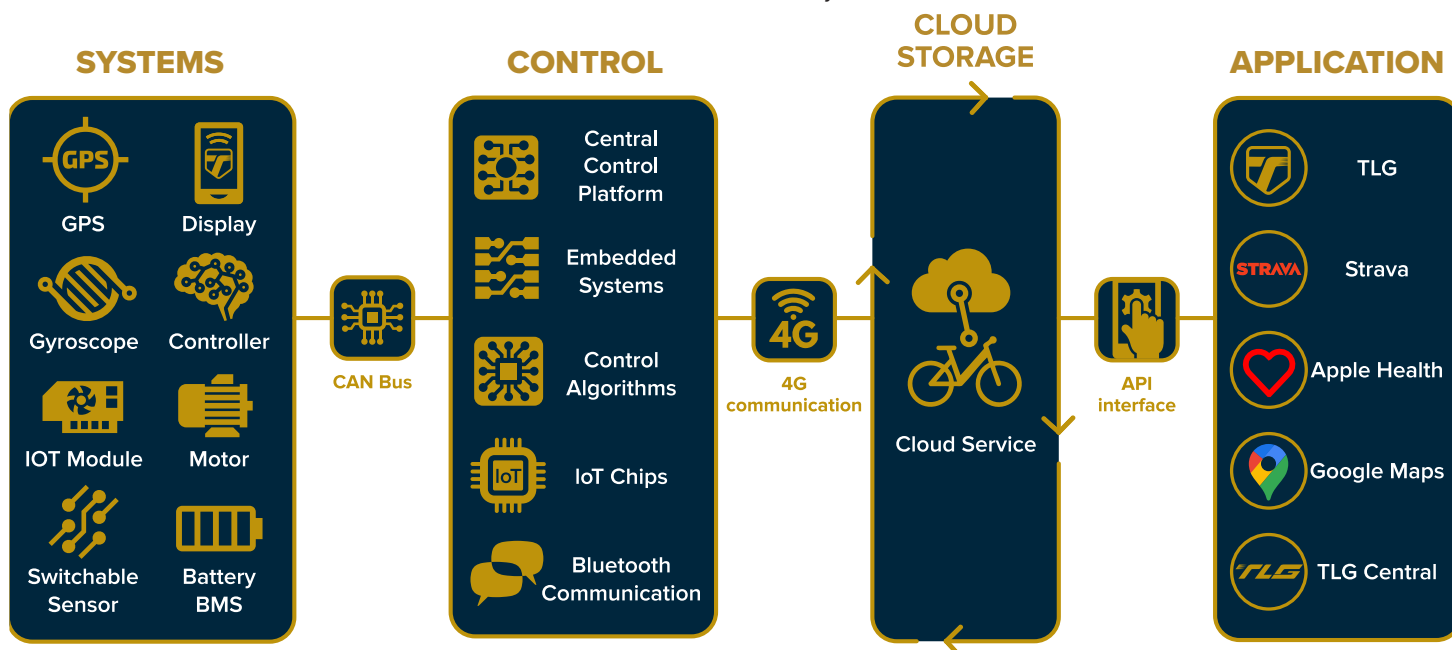
Safety and durability are our bedrock. SmartDrive provides a vigilant guard against theft, offers insights into your riding for better fitness, and proactively reminds you of maintenance to keep your TLG in peak condition for years. It's designed to protect your investment and well-being, embodying a long-term partnership.

3. Freedom Through Simplicity & Choice.

True innovation simplifies. The TLG SmartDrive Core is an optional module, respecting your choice to adopt technology only if it serves you. If you choose it, setup is straightforward, service is streamlined, and you gain effortless control—from customizing assist profiles to managing access for friends. If you don't, your TLG remains a superb, pure-performance machine. We give you the freedom to define your perfect ride.

TLG SmartDrive™ Core Mind Map of the Technology Platform

Performance you feel. Reliability you trust. Innovation that matters.
This is SmartDrive™ Core by TLG.





The TLG SmartDrive Core is a meticulously engineered means to a simple goal: enhancing your ride, on your terms.

Why We Are The Smartest E-Bike

The TLG SmartDrive Core IoT Module is designed to enhance your ride, letting you customize your experience.

- Our e-bikes combine motor controls, IoT systems, and cloud servers using SIM connectivity to deliver advanced features.
- Open API allows seamless integration with popular services like Apple Health, Google Maps, and STRAVA.
- We aim to create a smart ecosystem that merges hardware and software for a connected riding experience.
- Future plans include connecting with devices such as helmets, rings, watches, and AR glasses for unified and intelligent cycling.

Vigilant Protection Features

Active safety, intelligent alerts, and your peace of mind.

SmartDrive Core Features	Without Module	With Module
Startup Password	✓	✓
Proximity Unlock	✓	✓
Auto Power Off	✓	✓
Remote Unlock		✓
Share Digital Key		✓
Unusual Activity Detection		✓
4G/5G Connectivity		✓
Live GPS Tracking		✓
Geofencing		✓
Lost Mode		✓

Tailored Performance Features

Personalized power, responsive control, and an elevated ride.

SmartDrive Core Features	Without Module	With Module
Smart Auto Assist Mode	✓	✓
Nitro Burst Mode	✓	✓
Dual Battery System (Requires Range Extender Battery)	✓	✓
Auto-Dimming Display with Integrated Lights	✓	✓
Ride Tracking & Health Insights	✓	✓
Ride Tune		✓
Smart Horn & Sounds		✓
Intelligent Battery Care		✓
Crash Detection & Alert		✓
Over-The-Air (OTA) Updates		✓

Continuous Care Features

Proactive maintenance, effortless support, and enduring partnership.

SmartDrive Core Features	Without Module	With Module
Good-to-Go Full Auto Test	✓	✓
Intelligent Diagnostics & Self-Help	✓	✓
Proactive Maintenance Reminders	✓	✓
Seamless Dealer Network Access	✓	✓
The TLG Rider Community	✓	✓
TLG TOTAL SHIELD™ (5 Years of Extended Care)	✓	✓



SOLAY



- Pedal-Forward Comfort Frame Design
- Switchable Torque And Cadence Sensor Modes
- 3.5" Full Color Display, High Brightness, Bluetooth, Type-C charging, Turn Signals
- Optional 5Ah (240Wh) Piggy-Back Battery, IPX7
- TLG SmartDrive™ Core IoT & App
- MIK Compatible Rack

COMMUTER SERIES

20mph, Adjustable from 12mph to 25mph, Class 1/2/3

MSRP: \$1,699.00



ARCTIC BLUE



FLAT WHITE



LAVENDER FROST

Power

48V System TLG®350w Hub-Drive Motor, 50Nm

Pedal Assist

5 PAS Levels, Switchable Torque & Cadence

Fork

Aluminum Suspension Fork, 75mm Travel, 700c, Tapered 1.5" with lockout

Battery

48V/10Ah (480Wh) w/Samsung® Cells

Tires

KENDA® K-1052 Urban 27.5"x2.2" w/ Reflective Stripes, Puncture-Resistant

Drivetrain

Shimano® RD-M310-L, Altus, 8-Speed

Brakes

Tektro® Hydraulic, w/ Brake Sensors

Display

3.5", Full Color Display, High Brightness, Bluetooth, Type-C charging, Turn Signals

Class

20mph, Adjustable from 12mph to 25mph, Class 1/2/3

Range

Up to 55 Miles per charge

Max. Payload

300 lbs.

Certification

UL-2271 & UL2849

TLG SmartDrive™ Core IoT & App

Anti-theft: GPS Location, Geo Fencing, Navigation, Lost Bike Tracking, Bluetooth Unlock and more

Other Features

90 Lux*520Lm Front Light, Rear light with Turn Signals, Full Fenders, Lightweight Alloy Rear Rack

SOLAY SPECIFICATIONS

SIZE GUIDE	S/M	Small/Medium
	M/L	Medium/Large
FRAMESET	Frame	6061-T6 Aluminum Hydroformed Frame, Lightweight, Step-Thru Pedal Forward Design
	Fork	Aluminum Suspension Fork, 75mm Travel , 700c, Tapered 1.5" with lock-out
ELECTRONICS	Motor	48V System TLG®350w Hub-Drive Motor, 50Nm
	Battery	UL-2771 Certified / Internal / Removable / Lithium Ion, 48V/10Ah (480Wh) with Samsung® Cells , w/ Option for Additional 5Ah (240Wh) Piggy-Back Extender Battery, IPX7
	Display	3.5", Full Color Display , High Brightness, Bluetooth, Type-C charging , Turn Signals, Multi-Function Remote, Password Protection Option, Adjustable angle
	Throttle	Thumb Throttle & Anti-Runaway Safety protection, IPX7 waterproof, REACH certificated
	Sensor	Switchable Torque And Cadence Sensor Modes, CAN communication
	Pedal Assist	Smart Auto Assist plus 5 PAS Levels, Ride Tune option through the TLG app
	Charger	2A / 100-240V Input / 54.6V Output, BC Certificated & UL Listed
	Front Light	90 Lux*520Lm , 48V 4.5W high-output LED, adjustable angle, K-Mark Lamp Standard, IPX6
	Rear Light	TLG® Logo, Turn Signal , Steady Warning, Brake Highlight , Hazard Warning Flashers, IPX6
	IoT & App	Anti-theft: GPS Location, Geo Fencing, Navigation, Lost Bike Tracking, Bluetooth Unlock
DRIVETRAIN	Chain	Anti-rust KMC® 8S
	Crankset	Manganese Alloy Integrated forming, 52T , w/ Single Chainguard, Square Taper, 170mm
	Rear Derailleur	Shimano® RD-M310-L, Altus, 8-Speed
	Cassette	Shimano® 8-Speed, 12-32T
	Shifter	Shimano® 8-Speed
	Bottom Bracket Set	Square Taper Sealed Bearings, Torque & Cadence Sensors Included
WHEELS	Tires	KENDA® K-1052 27.5"x2.2" Brown edges, w/ Reflective Stripes, Puncture-Resistant
	Front Hub	Alloy, 13Gx36H, O.L.D. 100mm, 9mm Quick Release
	Rear Hub	48V 350W+ / 25 MPH. 45Nm
	Rims	Alloy Double Wall, 27.5"x30mm w/ Eyelets
	Spokes	Stainless 13G
BRAKE	Brake	Tektro® Hydraulic, w/ Brake Sensors
	Rotors	Front 180mm/Rear 160mm
COCKPIT	Saddle	Comfort / 260mm Wide
	Seat Post	Alloy, 30.9xS 350mm/L 400mm, Adjustable
	Seat-Post Clamp	Alloy, 35mm w/ Quick Release
	Stem	Alloy, Adjustable, w/ Ext. 90mm, w/ Internal Cable Routing
	Handlebar	Zoom® Alloy, 31.8mmx680mm Wide, 38mm Rise, 38 Deg Backswee.
	Grips	Ergonomic Comfort, attachable rearview mirror, lockable
	Pedals	9/16" with Reflectors
	Headset	ICR Type, Threadless, Internal 52/56mm, w/ Internal Cable Routing
SPEED & RANGE	Max Speed	20mph, Adjustable from 12mph to 25mph, Class 1/2/3
	Range	Up to 55 miles per charge
WEIGHT & SUPPORTS	Weight Limit	285 lbs
	Net Weight	57.3 lbs
	Rack	Lightweight Alloy Rear Model / MIK HD-Compatible
	Fenders	Alloy 27.5"
	Kickstand	Adjustable Side Kickstand



GLIDEON



- Comfort Geometry Frame Design
- Switchable Torque And Cadence Sensor Modes
- 3.5" Full Color Display, High Brightness, Bluetooth, Type-C charging, Turn Signals
- Optional 5Ah (240Wh) Piggy-Back Battery, IPX7
- TLG SmartDrive™ Core IoT & App
- MIK Compatible Rack

COMMUTER SERIES

28mph, Adjustable from 12mph to 28mph, Class 1/2/3

MSRP: \$1,999.00



SAGE MIST



DEEP METALLIC BLUE



DEEP METALLIC RED

Power

TLG®48V 500w Hub-Drive Disc Brake Motor, 65Nm

Pedal Assist

5 PAS Levels, Switchable Torque & Cadence

Fork

Aluminum Suspension Fork, 75mm Travel, 700c, Tapered 1.5"

Battery

48V/15Ah (720Wh) w/Samsung® Cells

Tires

KENDA® K-1052E 27.5"x2.4"

Drivetrain

Shimano® RD-M360-L, ACERA, 8-Speed

Brakes

Tektro® Hydraulic, w/ Brake Sensors

Display

Stem-Integrated Color LCD • Type C charging • with Turn Signals

Class

28mph, Adjustable from 12mph to 28mph, Class 1/2/3

Range

Up to 70 Miles

Max. Payload

400 lbs.

Certification

UL-2271 & UL2849

TLG SmartDrive™ Core IoT & App

Anti-theft: GPS Location, Geo Fencing, Navigation, Lost Bike Tracking, Bluetooth Unlock and more

Other Features

90 Lux*520Lm Front Light, Rear light with Turn Signals, Full Fenders, Lightweight Alloy MIK Compatible Rear Rack

GLIDEON SPECIFICATIONS

SIZE GUIDE	S/M	Small/Medium
	M/L	Medium/Large
FRAMESET	Frame	6061-T6 Aluminum Hydroformed Frame , Step-Thru, Seamless-look welding finish
	Fork	Aluminum Suspension Fork, 75mm Travel , 700c, Tapered 1.5" with lock-out
ELECTRONICS	Motor	48V System TLG®500w Hub-Drive Motor, 65Nm
	Battery	UL-2771 Certified / Internal / Removable / Lithium Ion, 48V/15Ah (720Wh) with Samsung® Cells , w/ Option for Additional 5Ah (240Wh) Piggy-Back Extender Battery, IPX7
	Display	3.5", Full Color Display , High Brightness, Bluetooth, Type-C charging , Turn Signals, Multi-Function Remote, Password Protection Option, Adjustable angle
	Throttle	Thumb Throttle & Anti-Runaway Safety protection, IPX7 waterproof, REACH certificated
	Sensor	Switchable Torque And Cadence Sensor Modes, CAN communication
	Pedal Assist	Smart Auto Assist plus 5 PAS Levels, Ride Tune option through the TLG app
	Charger	2A / 100-240V Input / 54.6V Output, BC Certificated & UL Listed
	Front Light	90 Lux*520Lm , 48V 4.5W high-output LED, adjustable angle, K-Mark Lamp Standard, IPX6
	Rear Light	TLG® Logo, Turn Signal, Steady Warning, Brake Highlight , Hazard Warning Flashers, IPX6
	IoT & App	Anti-theft: GPS Location, Geo Fencing, Navigation, Lost Bike Tracking, Bluetooth Unlock
DRIVETRAIN	Chain	Anti-rust KMC® 8S
	Crankset	Manganese Alloy Integrated forming, 52T , w/ Single Chainguard, Square Taper, 170mm
	Rear Derailleur	Shimano® RD-M360-L, ACERA, 8-Speed
	Cassette	Shimano® 8-Speed, 12-32T
	Shifter	Shimano® 8-Speed
	Bottom Bracket Set	Square Taper Sealed Bearings, Torque & Cadence Sensors Included
WHEELS	Tires	KENDA® K-1052E 27.5"x2.4" Brown edges, w/ Reflective Stripes, Puncture-Resistant
	Front Hub	Alloy, 13Gx36H, O.L.D. 100mm, 9mm Quick Release
	Rear Hub	48V 500W+ / 28 MPH. 65Nm
	Rims	Alloy Double Wall, 27.5"x30mm w/ Eyelets
	Spokes	Stainless 13G
BRAKE	Brake	Tektro® Hydraulic, w/ Brake Sensors
	Rotors	Front 180mm/Rear 160mm
COCKPIT	Saddle	Classic / 221mm Wide
	Seat Post	Link Suspension, 30.9xS 350mm/L 400mm, Adjustable
	Seat-Post Clamp	Alloy, 35mm w/ Quick Release
	Stem	Alloy, Adjustable, w/ Ext. 90mm, w/ Internal Cable Routing
	Handlebar	Zoom® Alloy, 31.8mmx680mm Wide, 38mm Rise, 38 Deg Backswee.
	Grips	Ergonomic Comfort, attachable rearview mirror, lockable
	Pedals	9/16" with Reflectors
	Headset	ICR Type, Threadless, Internal 52/56mm, w/ Internal Cable Routing
SPEED & RANGE	Max Speed	28mph, Adjustable from 12mph to 28mph, Class 1/2/3
	Range	Up to 70 miles per charge
WEIGHT & SUPPORTS	Weight Limit	400 lbs
	Net Weight	68.5 lbs
	Rack	Lightweight Alloy Rear Model / MIK HD-Compatible
	Fenders	Alloy 27.5"
	Kickstand	Adjustable Side Kickstand



SUMMITRIDE



- Comfort Geometry Frame Design
- Switchable Torque And Cadence Sensor Modes
- 3.5" Full Color Display, High Brightness, Bluetooth, Type-C charging, Turn Signals
- Optional 15Ah (720Wh) Piggy-Back Battery, IPX7
- TLG SmartDrive™ Core IoT & App
- MIK Compatible Rack

COMMUTER SERIES

28mph, Adjustable from 12mph to 28mph, Class 1/2/3

MSRP: \$2,999.00



ADVENTURINE GREEN



METALLIC ANTHRACITE



SLATE GREY

Power

TLG®48V 750w Hub-Drive Disc Brake Motor, 100Nm

Pedal Assist

5 PAS Levels, Switchable Torque & Cadence

Fork

Aluminum Suspension Fork, 75mm Travel, 700c, Tapered 1.5"

Battery

48V/30Ah (1440Wh) w/Samsung® Cells

Tires

KENDA® K-1052E 27.5"x2.4"

Drivetrain

Shimano® RD-M360-L, ACERA, 8-Speed

Brakes

Tektro® Hydraulic, w/ Brake Sensors

Display

Stem-Integrated Color LCD • Type C charging • with Turn Signals

Class

28mph, Adjustable from 12mph to 28mph, Class 1/2/3

Range

Up to 125 Miles

Max. Payload

400 lbs.

Certification

UL-2271 & UL2849

TLG SmartDrive™ Core IoT & App

Anti-theft: GPS Location, Geo Fencing, Navigation, Lost Bike Tracking, Bluetooth Unlock and more

Other Features

200 Lux*850Lm Front Light, Rear light with Turn Signals, Full Fenders, Lightweight Alloy MIK Compatible Rear Rack

SUMMITRIDE SPECIFICATIONS

SIZE GUIDE	S/M	Small/Medium
	M/L	Medium/Large
FRAMESET	Frame	6061-T6 Aluminum Hydroformed Frame, Step-Thru, Flat Welding with Putty
	Fork	Aluminum Suspension Fork, 75mm Travel, 700c, Tapered 1.5" with lock-out
ELECTRONICS	Motor	48V System TLG® 750w Hub-Drive Motor, 100Nm, Efficiency ≥80%
	Battery	UL-2771 Certified / Internal / Removable / Lithium Ion, 48V/30Ah (1440Wh) with Samsung® Cells, w/ Option for Additional 15Ah (720Wh) Rear Rack Extender Battery, IPX7
	Display	3.5", Full Color Display, High Brightness, Bluetooth, Type-C charging, Turn Signals, w/ 7 Button Multi-Function Remote, Password Protection Option, Adjustable angle
	Throttle	Thumb Throttle & Anti-Runaway Safety protection, IPX7 waterproof, REACH certificated
	Sensor	Switchable Torque And Cadence Sensor Modes, CAN communication
	Pedal Assist	Smart Auto Assist plus 5 PAS Levels, Ride Tune option through the TLG app
	Charger	3A / 100-240V Input / 54.6V Output, BC Certificated & UL Listed
	Front Light	200 Lux*850Lm, 48V 4.5W high-output LED, adjustable angle, K-Mark Lamp Standard, IPX6
	Rear Light	TLG® Logo, Turn Signal, Steady Warning, Brake Highlight, Hazard Warning Flashers, IPX6
	IoT & App	Anti-theft: GPS Location, Geo Fencing, Navigation, Lost Bike Tracking, Bluetooth Unlock
DRIVETRAIN	Chain	Anti-rust KMC® 8S
	Crankset	Manganese Alloy Integrated forming, 52T, w/ Single Chainguard, Square Taper, 170mm
	Rear Derailleur	Shimano® RD-M360-L, ACERA, 8-Speed
	Cassette	Shimano® 8-Speed, 12-32T
	Shifter	Shimano® 8-Speed
	Bottom Bracket Set	Square Taper Sealed Bearings, Torque & Cadence Sensors Included
WHEELS	Tires	KENDA® K-1052E 27.5"x2.4", w/ Reflective Stripes, Puncture-Resistant
	Front Hub	Alloy, 13Gx36H, O.L.D. 100mm, 9mm Quick Release
	Rear Hub	48V 750W+/ 28 MPH. 100Nm
	Rims	Alloy Double Wall, 27.5"x30mm w/ Eyelets
	Spokes	Stainless 13G
BRAKE	Brake	Tektro® Hydraulic, w/ Brake Sensors
	Rotors	Front 180mm/Rear 160mm
COCKPIT	Saddle	Comfort / 260mm Wide
	Seat Post	Link Suspension, 30.9xS 350mm/L 400mm, Adjustable
	Seat-Post Clamp	Alloy, 35mm w/ Quick Release
	Stem	Alloy, Adjustable, w/ Ext. 90mm, w/ Internal Cable Routing
	Handlebar	Zoom® Alloy, 31.8mmx680mm Wide, 38mm Rise, 38 Deg Backswee.
	Grips	Ergonomic Comfort, attachable rearview mirror, lockable
	Pedals	9/16" with Reflectors
	Headset	ICR Type, Threadless, Internal 52/56mm, w/ Internal Cable Routing
SPEED & RANGE	Max Speed	28mph, Adjustable from 12mph to 28mph, Class 1/2/3
	Range	Up to 125 miles per charge
WEIGHT & SUPPORTS	Weight Limit	400 lbs
	Net Weight	80.5 lbs
	Rack	Lightweight Alloy Rear Model / MIK HD-Compatible
	Fenders	Alloy 27.5"
	Kickstand	Adjustable Side Kickstand

**AMP TRAIL**

- Dropper Seat Post
- Switchable Torque And Cadence Sensor Modes
- Optional 15Ah (720Wh) Piggy-Back Battery, IPX7
- 3.5" Full Color Display, High Brightness, Bluetooth, Type-C charging, Turn Signals
- TLG SmartDrive™ Core IoT & App
- MIK Compatible Rack

ADVENTURE SERIES

28mph, Adjustable from 12mph to 28mph, Class 1/2/3

MSRP: \$2,199.00



METALLIC BROWN



Sage Mist



MATTE BLACK



HUNTING GREEN

Power

48V System TLG®750w Hub-Drive Motor, 85Nm, Efficiency ≥80%, Noise Grades≤65dB

Pedal Assist

5 PAS Levels, Switchable Torque & Cadence

Fork

RST® Hydraulic suspension 120mm travel with Lock-out, Nutted, Rebound adjustable

Battery

48V/15Ah (720Wh) w/Samsung® Cells

Tires

KENDA® K-1188 26"x4.0"

Drivetrain

Shimano® RD-U4020, CUES, 9-Speed

Brakes

Tektro® Hydraulic, w/ Brake Sensors

Display

Stem-Integrated Color LCD • Type C charging • with Turn Signals

Class

28mph, Adjustable from 12mph to 28mph, Class 1/2/3

Range

Up to 70 Miles per charge

Max. Payload

400 lbs.

Certification

UL-2271 & UL2849

TLG SmartDrive™ Core IoT & App

Anti-theft: GPS Location, Geo Fencing, Navigation, Lost Bike Tracking, Bluetooth Unlock and more

Other Features

200 Lux*850Lm Front Light, Rear light with Turn Signals, Full Fenders, Lightweight Alloy MIK Compatible Rear Rack

AMPTRAIL SPECIFICATIONS

SIZE GUIDE	One Size	Universal
FRAMESET	Frame	6061-T6 Aluminum Hydroformed Frame, Step-Thru, Smooth Welding
	Fork	RST® Hydraulic suspension 120mm travel with Lock-out, Nuted, Rebound adjustable
ELECTRONICS	Motor	48V System TLG®750w Hub-Drive Motor, 85Nm, Efficiency ≥80%, Noise Grade≤65dB
	Battery	UL2271 Certified / Internal / Removable / Lithium Ion, 48V/15Ah (720Wh) with Samsung® Cells, w/ Option for Additional 15Ah (720Wh) Rear Rack Extender Battery, IPX7
	Display	3.5", Full Color Display, High Brightness, Bluetooth, Type-C charging, Turn Signals, w/ 7 Button Multi-Function Remote, Password Protection Option, Adjustable angle
	Throttle	Thumb Throttle & Anti-Runaway Safety protection, IPX7 waterproof, REACH certificated
	Sensor	Switchable Torque And Cadence Sensor Modes, CAN communication
	Pedal Assist	0~5 Level Pedal Assist, Ride Tune option through the TLG app
	Charger	2A / 100-240V Input / 54.6V Output, BC Certificated & UL Listed
	Front Light	200 Lux*850Lm, 48V 8.5W high-output integrated LED, Horn Function, adjustable angle, IPX6
	Rear Light	TLG® Logo, Turn Signal, Steady Warning, Brake Highlight, Hazard Warning Flashers, IPX6
	IoT & App	Anti-theft: GPS Location, Geo Fencing, Navigation, Lost Bike Tracking, Bluetooth Unlock
DRIVETRAIN	Chain	Anti-rust KMC® 9S
	Crankset	Alloy Integrated forming, 48T, w/ Single Chainguard, Square Taper, 170mm
	Rear Derailleur	Shimano® RD-U4020, CUES,9-Speed
	Cassette	Shimano® 9-Speed, 11-36T
	Shifter	Shimano® 9-Speed
	Bottom Bracket Set	Square Taper Sealed Bearings, Torque & Cadence Sensors Included
WHEELS	Tires	KENDA® K-1188 26"x4.0"
	Front Hub	Alloy, 13Gx36H, O.L.D. 135mm w/ Nuts
	Rear Hub	48V 750W+/ 28 MPH. 85Nm
	Rims	Alloy Double Wall, 26"x74mm
	Spokes	Stainless 13G
BRAKE	Brake	Tektro® Hydraulic, w/ Brake Sensors
	Rotors	Front 203mm, Rear 180mm
COCKPIT	Saddle	Memory Foam Saddle Super Comfort / 260mm Wide
	Seat Post	Dropper Seatpost, 30.9xS 125mm Travel, L 150mm Travel.
	Seat-Post Clamp	Alloy, 35mm w/ Quick Release
	Stem	Alloy, Adjustable, w/ Ext. 110mm, w/ Internal Cable Routing
	Handlebar	Zoom® Alloy, 31.8mmx720mm Wide, 30mm Rise, 15 Deg. Backsweep
	Grips	Ergonomic Comfort, attachable rearview mirror, lockable
	Pedals	9/16" with Reflectors
	Headset	ICR Type, Threadless, Internal 52/56mm, w/ Internal Cable Routing
SPEED & RANGE	Max Speed	28mph, Adjustable from 12mph to 28mph, Class 1/2/3
	Range	Up to 70 miles per charge
WEIGHT & SUPPORTS	Weight Limit	400 lbs
	Net Weight	78.6 lbs
	Rack	Lightweight Alloy Rear Model / MIK HD-Compatible
	Fenders	Alloy 26"
	Kickstand	Adjustable Side Kickstand

**DUO**

- 2-Passenger Frame Design
- Switchable Torque And Cadence Sensor Modes
- 3.5" Full Color Display, High Brightness, Bluetooth, Type-C charging, Turn Signals
- Optional 15Ah (720Wh) Piggy-Back Battery, IPX7
- TLG SmartDrive™ Core IoT & App

UTILITY SERIES

28mph, Adjustable from 12mph to 28mph, Class 1/2/3

MSRP: \$1,999.00



MATTE MIRAGE



FLAT WHITE



ERUPTION GREEN

Power

TLG®48V 750w Hub-Drive Disc Brake Motor, 100Nm

Pedal Assist

5 PAS Levels

Fork

Zoom®Aluminum Suspension Fork, 80mm Travel, Tapered 1.5", with Lock-out

Battery

48V/15Ah (720Wh) w/Samsung® Cells

Tires

KENDA® K-1016 20"x3.0"

Drivetrain

Shimano® RD-M310-L, Altus, 8-Speed

Brakes

Tektro® Hydraulic, w/ Brake Sensors

Display

Stem-Integrated Color LCD • Type C charging • with Turn Signals

Class

28mph, Adjustable from 12mph to 28mph, Class 1/2/3

Range

Up to 70 Miles

Max. Payload

420 lbs.

Certification

UL-2271 & UL2849

TLG SmartDrive™ Core IoT & App

Anti-theft: GPS Location, Geo Fencing, Navigation, Lost Bike Tracking, Bluetooth Unlock and more

Other Features

90 Lux*520Lm Front Light, Rear light with Turn Signals, Full Fenders, Optional Rear Seat Pad

DUO SPECIFICATIONS

SIZE GUIDE	One Size	Universal
FRAMESET	Frame	6061-T6 Aluminum Hydroformed, 2-Passenger Design , Step-Thru, Smooth Welding
	Fork	Zoom® Aluminum Suspension Fork, 80mm Travel , Tapered 1.5", with Lock-out
ELECTRONICS	Motor	48V System TLG® 750w Hub-Drive Motor, 100Nm , Efficiency ≥80%
	Battery	UL-2771 Certified / Internal / Removable / Lithium Ion, 48V/15Ah (720Wh) with Samsung® Cells , w/ Option for Additional 15Ah (720Wh) Rear Rack Extender Battery , IPX7
	Display	3.5", Full Color Display , High Brightness, Bluetooth, Type-C charging , Turn Signals, w/ 7 Button Multi-Function Remote , Password Protection Option , Adjustable angle
	Throttle	Thumb Throttle & Anti-Runaway Safety protection , IPX7 waterproof , REACH certified
	Sensor	Switchable Torque And Cadence Sensor Modes, CAN communication
	Pedal Assist	Smart Auto Assist plus 5 PAS Levels, Ride Tune option through the TLG app
	Charger	2A / 100-240V Input / 54.6V Output, BC Certified & UL Listed
	Front Light	90 Lux*520Lm , 48V 4.5W high-output LED, adjustable angle, K-Mark Lamp Standard , IPX6
	Rear Light	TLG® Logo, Turn Signal , Steady Warning, Brake Highlight , Hazard Warning Flashers, IPX6
	IoT & App	Anti-theft: GPS Location , Geo Fencing , Navigation , Lost Bike Tracking , Bluetooth Unlock
DRIVETRAIN	Chain	Anti-rust KMC® 8S
	Crankset	Alloy Integrated forming, 48T , w/ Single Chainguard, Square Taper, 170mm
	Rear Derailleur	Shimano® RD-M310-L , Altus , 8-Speed (short cage)
	Cassette	Shimano® 8-Speed , 12-32T
	Shifter	Shimano® 8-Speed
	Bottom Bracket Set	Square Taper Sealed Bearings, Torque & Cadence Sensors Included
WHEELS	Tires	KENDA® K-1016 20"x3.0"
	Front Hub	Alloy, 13Gx36H, O.L.D. 110mm, 15mm thru
	Rear Hub	48V 750W+/ 28 MPH. 100Nm
	Rims	Alloy Double Wall, 20"x33mm w/ Eyelets
	Spokes	Stainless 13G
BRAKE	Brake	Tektro® Hydraulic , w/ Brake Sensors
	Rotors	Front 180mm/Rear 160mm
COCKPIT	Saddle	Spring structure / 203mm Wide
	Seat Post	Alloy, 30.9x400mm, Adjustable
	Seat-Post Clamp	Alloy, 35mm w/ Quick Release
	Stem	Alloy, BMX style, Top-Load, 30 Deg. Angle, 50mm Extension
	Handlebar	Alloy, 31.8mmx710mm Wide, BMX style, 260mm Rise, 20 Deg Backsweep
	Grips	Ergonomic Comfort, attachable rearview mirror , lockable
	Pedals	9/16" with Reflectors
	Headset	Threadless, Internal 52/56mm
SPEED & RANGE	Max Speed	28mph, Adjustable from 12mph to 28mph, Class 1/2/3
	Range	Up to 70 miles per charge
WEIGHT & SUPPORTS	Weight Limit	420 lbs
	Net Weight	82 lbs
	Rack	Lightweight Alloy Rear Model / MIK HD-Compatible
	Fenders	Alloy 20"
	Kickstand	Central Kickstand



Limited Warranty Policy and TLG Total Shield

BY USING YOUR TLG PRODUCTS YOU AGREE TO BE BOUND BY ALL THE TERMS OF THIS LIMITED WARRANTY, THE MOST CURRENT OF WHICH CAN BE FOUND ON WWW.TLGMOBILITY.COM. BEFORE USING YOUR TLG PRODUCT PLEASE READ THIS POLICY CAREFULLY. TLG RESERVES THE RIGHT TO UPDATE ITS WARRANTY POLICY FROM TIME TO TIME IN ITS SOLE DISCRETION.

Don't Miss a Ride!

TLG is committed to delivering high-quality, reliable Products to our customers. We stand behind our products so that you don't have to worry about missing a ride!

Limited Warranty

Our Limited Warranty Policy (Policy) warrants against **defects in materials and workmanship** and applies only to TLG Products **purchased from an authorized TLG retailer** (www.tlgmobility.com/dealers/) **or from TLG's official website** (www.tlgmobility.com). The Policy provides warranty coverage on the complete bike for a period of **two (2) years from the date of purchase**, as long as Product has been registered within 60 days of purchase. **The frame is protected by TLG's warranty for the lifetime of the original owner.**

If the Product was originally purchased from a source other than an authorized retailer or from TLG's official website, it will not be covered by this Policy.

Subsequent Ownership

This Policy is transferable to subsequent owners, as long as the original purchase was made in accordance with this Policy and the original proof of purchase is provided when filing a claim.

What Is Not Covered:

This Policy does not cover any damage or defects to covered components resulting from failure to follow instructions in the owner's manual, as well as the following:

- Damages caused by misuse, abuse, or by accident or negligence
- Custom paint, damage caused to paint by improper care, use of solvents and other harsh chemicals, crashes, scratches, or other wear-and-tear
- Failure to observe care instructions including incorrect assembly, installation or maintenance
- Unauthorized modification or alteration including any repair done outside of TLG Customer Service
- Installation of components, parts, or accessories not originally intended for or compatible with the Product
- Labor charges for part replacement or changeover
- Cosmetic scratches or non-structural blemishes
- **Specific to battery:** the warranty does not cover damage from power surges, use of improper charger, improper maintenance or other such misuse, normal wear, water damage, or improper storage (under F -4° or above F 113°)

This Policy does not apply to Products whose serial number or production code has been deliberately altered, defaced, or removed. This warranty is expressly limited to the repair or replacement of a defective Product as determined in TLG's sole discretion and expertise. TLG is not responsible for incidental or consequential damages unless prohibited by state law. Claims made outside the country of original purchase may be subject to fees and additional restrictions.

Making a Warranty Claim:

Warranty claims must be made through an authorized TLG Retailer or via (insert TLG website/warranty/). Warranty is only valid with proof of purchase on registered product. Handwritten or auction site receipts will not be accepted. Note: Please remember to bring or send your Product to an Authorized TLG Retailer in an assembled, reasonably clean and sanitary condition and accompanied by the original, dated sales receipt for the bicycle (be sure to keep your receipt in a safe place!).

If TLG determines, in its sole discretion, that your Product is subject to this Policy, TLG will:

1. Repair the Product at no charge for parts;
 - a. If Product was purchased directly from TLG's website or an authorized affiliate's website, labor charges will be covered at 60% of relevant Retailer's posted labor rate (remaining 40% is owner's responsibility)
 - b. If Product was purchased directly from authorized Dealer, labor charges will be covered by Dealer
 - c. If Product is taken to an unauthorized Dealer for repair, labor costs will be borne 100% by Customer
2. Replace the Product with the same model Product
3. Replace the Product with a comparable Product or offer a comparable option should your Product be discontinued or otherwise unavailable.

You are responsible for all taxes, fees, or other charges, including shipping, transportation, postage or otherwise, except where prohibited. Until received by TLG, you will bear the risk of loss. To the fullest extent permitted by law, the above three remedies shall be your sole and exclusive remedies under this Policy and supersede any prior contrary or additional representations, whether oral or written.

Due to product evolution and obsolescence (such as products that have been discontinued or are no longer kept in stock), some frames or components may not be available for older or limited-edition models. In these cases, TLG may elect to provide a replacement that they determine to be the most comparable model.

It is your responsibility to regularly inspect and properly maintain your bicycle. Some items that typically exhibit damage from normal wear-and-tear include:

Bearings	Tubes	Wheel braking surface
Brake pads	Saddles	Spokes
Suspension	Chain	Handlebar and grips
Chainrings	Seals	Cables and housing
Cassettes	Shifters and gears	Bushings
Tires	Free hub bodies	

Paint fading caused by the effects of ultraviolet light (UV) or outdoor exposure is not covered by this Policy.

TLG reserves the right to refuse warranty service to any person who in TLG's sole discretion, abuses its Products or this Policy.

Damage During Shipping:

Damage to a Product during shipping is not covered by this Policy. Notwithstanding such limitation, TLG agrees to replace such damaged Products if you:

- Notify TLG of damage to a Product in the shipping process within seven (7) days of the date of your receipt of the Product
- Immediately provide TLG with dated pictures and/or a video of the damaged Product
- Inspect the Product immediately upon receipt of the Product; or note in clear detail any immediately recognizable damage to the Product on the shipper's Bill of Lading prior to signing off on the shipment of the Product
- Return all original packaging and paperwork when you return the new, unused Product to TLG

If you choose to set up your own independent shipping method, such as use of a freight forwarder or other similar service, TLG will not be responsible for the replacement of any Products damaged during such shipping method.

THE REMEDIES STATED ABOVE ARE THE EXCLUSIVE REMEDIES UNDER THIS WARRANTY. ANY AND ALL OTHER REMEDIES AND DAMAGES THAT MAY OTHERWISE BE APPLICABLE ARE EXCLUDED, INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES, DAMAGES TO OTHER PROPERTY, OR ANY PUNITIVE DAMAGES.

THIS IS THE ONLY WARRANTY MADE BY TLG ON ITS FRAMES AND COMPONENTS, AND THERE ARE NO WARRANTIES WHICH EXTEND BEYOND WHAT IS STATED HEREIN. ANY WARRANTIES THAT MAY OTHERWISE BE IMPLIED BY LAW INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED.

PLEASE REFER TO THE DOCUMENTS INCLUDED WITH YOUR BICYCLE FOR POSSIBLE FURTHER RESTRICTIONS.

THIS LIMITED WARRANTY GIVES THE CONSUMER SPECIFIC LEGAL RIGHTS. THE CONSUMER MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH VARY FROM STATE TO STATE OR COUNTRY TO COUNTRY. SOME STATES AND COUNTRIES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR WARRANTIES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. IF IT IS DETERMINED BY A COURT OF COMPETENT JURISDICTION THAT A CERTAIN PROVISION OF THIS LIMITED WARRANTY DOES NOT APPLY, SUCH DETERMINATION SHALL NOT AFFECT ANY OTHER PROVISION OF THIS LIMITED WARRANTY AND ALL OTHER PROVISIONS SHALL REMAIN IN EFFECT.

For questions concerning warranty, contact your authorized TLG retailer or TLG at:
TLG eBikes, 1550 S. Milliken Avenue, Suite B, Ontario, California, USA phone #

If you are the original owner and your Product is not eligible for coverage under this Policy, please refer to TLG Total Shield which may provide you with a solution. See below.

TLG Total Shield

TLG Total Shield extends and/or supplements TLG's Limited Warranty for 5 years with an additional level of coverage when your issue doesn't fit neatly into the Limited Warranty categories. If your bike is stolen, damaged (regardless of fault), TLG will help you get back on your bike by offering you the following pricing discounts:

Year of Ownership	Retail Discount	Dealer Discount
1	30%	25%
2	25%	20%
3	20%	15%
4	15%	10%
5	10%	5%

Rules and Limitations:

Accident: a digital photo of the damaged part must be provided and approved by TLG prior to replacement approval (one replacement per part, e.g., one derailleur replacement cancels future derailleur replacements for that Product)

No additional discounts or offers may be combined to "stack" offers. Should an exact replacement for the part or model not be available, TLG will determine a "like for like" replacement.

Please note: TLG Total Shield does not include wear-and-tear items such as chains, cassettes, cables, tires, tubes, and adjustments.

TLG Total Shield is free of charge to the original owner for Products purchased from an authorized TLG Retailer or from www.tlgmobility.com. Please note: TLG Total Shield is non-transferable to any subsequent owner.

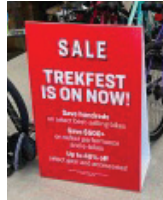




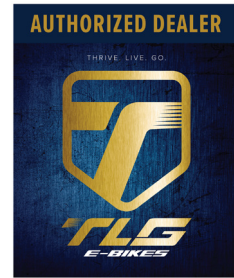
Dealer Merchandising Aids



PILLOWCASE TENSION
BANNER STAND



PLASTIC
SANDWICH
BOARD



AUTHORIZED DEALER
WINDOW DECAL



12"X9" FLAGS



10'X10' POP-UP TENT



36"X36" VINYL BANNER



17" HIGH TRAFFIC
FLOOR STICKER



18"X72" VINYL BANNER



PROMOTIONAL HATS



PROMOTIONAL APPAREL



Vigilant Protection Features

Startup Password	Set a personalized password directly on your bike's display or enable seamless phone-as-a-key
Proximity Unlock	Experience effortless access. When your phone is in Bluetooth range, your TLG automatically unlocks with a customizable sound, eliminating the need for manual input. Convenience, personalized.
Auto Power Off	Set a timer in the app for automatic shutdown after you stop riding. Perfect for quick errands—step away knowing your bike will securely power down on its own, conserving battery.
Remote Unlock	Grant temporary access from anywhere. Need to let a friend or family member use your bike? Unlock it remotely via the app without ever sharing your password.
Share Digital Key	Securely share access with others through time-limited or permission-based digital keys. Ideal for families, friends, or team use, everyone enjoys a tailored riding experience without compromising security.
Unusual Activity Detection	Your bike keeps watch. Its integrated sensors detect suspicious motions or tampering when you're away and send instant alerts to your phone, letting you intervene before a situation escalates
4G/5G Connectivity	Stay constantly connected. The integrated IoT module provides reliable cellular connectivity for real-time tracking and notifications, independent of your phone. Includes one year of complimentary service.
Live GPS Tracking	Monitor your bike's real-time location on a map within the TLG app. Essential for peace of mind during commutes or when parked in unfamiliar areas.
Geofencing	Create virtual boundaries on the map. Receive immediate alerts on your phone if your bike is moved outside your designated safe zones, adding a powerful layer of proactive security.
Lost Mode	The ultimate recovery tool. Even if the main battery is disconnected, Lost Mode activates a dedicated backup power source within the IoT module to continue broadcasting the bike's location, significantly increasing the chance of recovery.

Tailored Performance Features

Smart Auto Assist Mode	Forget manual switching. This intelligent mode uses real-time terrain data to automatically deliver the perfect amount of motor support, offering a seamlessly natural ride that intuitively responds to every hill and path.
Nitro Burst Mode	Nitro Burst Mode is a perceived cadence sensor mode using an algorithm for precise acceleration, transforming every pedal stroke into a surge of power.
Dual Battery System (Requires Range Extender Battery)	Conquer range anxiety. The optional Range Extender battery doubles your distance. Intelligently manage which battery to use first for convenient charging. Our proprietary algorithm ensures seamless, high-performance power delivery by intelligently engaging both batteries when one runs low, eliminating the performance drop common in traditional eBikes.
Auto-Dimming Display with Integrated Lights	Ride with confidence day or night. Like automatic car headlights, the light sensor on your TLG's display automatically activates the powerful front and rear lights in low-light conditions and turns them off when no longer needed, providing effortless safety.
Ride Tracking & Health Insights	Automatically track detailed metrics like distance, speed, and duration. Go beyond data with personalized AI-powered insights that analyze your habits to provide tailored recommendations for improving your fitness and riding technique.
Ride Tune	Truly personalize your power. Fine-tune the torque response and power ceiling for each of the four assist modes. Craft a riding profile that matches your style—from ultra-smooth commutes to aggressively responsive trail riding.
Smart Horn & Sounds	Define your bike's audio identity. Customize every sound—startup, shutdown, horn, and locator tone—with your own audio files. With up to 87 dBA output, ensure you're heard while making every interaction uniquely yours.
Intelligent Battery Care	Our Durability Beyond Standards™ system uses smart algorithms to learn your routine. It can delay full charging until you need it and allows you to set a custom maximum charge level (e.g., 80%) to maximize long-term battery health and cycle life.
Crash Detection & Alert	Ride with an extra safety net. In the event of a significant impact, the system can automatically detect a potential crash and send an immediate alert with your location to your designated emergency contacts.
Over-The-Air (OTA) Updates	Your bike evolves with you. Receive new features, performance refinements, and critical updates for the display, controller, and battery BMS directly to your bike—no shop visit required. Enjoy the latest innovations long after your purchase.

Continuous Care Features

Good-to-Go Full Auto Test	From the moment you power on your new TLG, the SmartDrive™ Core performs an automatic, comprehensive system checks. It confirms every component is in perfect working order with no error codes.
Intelligent Diagnostics & Self-Help	Clear error codes and intelligent diagnostics. Access step-by-step troubleshooting guides and potential solutions directly within the TLG app—often resolving minor issues without the need for a support call or shop visit.
Proactive Maintenance Reminders	Based on your riding data, the system proactively notifies you on the display and in the app when routine maintenance (like brake checks or drivetrain care) is recommended.
Seamless Dealer Network Access	If professional service is needed, the TLG Central App instantly locates and directs you to the nearest authorized TLG dealer. Get back on the road faster with our integrated support network.
The TLG Rider Community	You're never riding alone. Join the TLG community within the app to connect with fellow riders, organize group rides, share experiences, and exchange tips. It's your digital clubhouse for everything TLG.
TLG TOTAL SHIELD™	TLG Total Shield™ is extended protection designed for riders who expect more from their ebike and from their coverage. It expands standard support into a comprehensive five-year replacement parts and service plan, ensuring your ride stays reliable long after the original warranty ends.