

TLG Shapes GlideOn Ebike for Adults Around Upright Everyday Riding

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ONTARIO, CA - November 18, 2026 -
TLG brings an ultra-low step-through frame, an adjustable riding position and road-focused triple suspension together in GlideOn, a TLG ebike for adults designed around everyday comfort. Its full-size wheels and swept-back handlebar combine an upright riding posture with equipment for commuting and relaxed city travel.

GlideOn's low step-through opening reduces the frame clearance needed to mount or dismount. The comfort saddle, swept-back handlebar and adjustable stem work together around an upright seated position, while frame size and permitted adjustments still need to suit the individual rider.

The adjustable alloy stem allows the handlebar position to change without replacing the entire cockpit. A 700mm-wide handlebar incorporates 38 degrees of backsweep, bringing the grips toward the rider instead of extending them along a straight bar.

Brown ergonomic grips and a matching saddle carry the same visual treatment through the contact points. The grips have locking hardware, while the handlebar assembly accommodates brake levers, gear controls and the display within reach of the rider.

An adjustable suspension seatpost adds movement beneath the saddle rather than leaving all road vibration to the tires. The saddle measures 260mm long and 197mm wide, and the seatpost clamp has a quick-release mechanism for saddle-height adjustment.

Front suspension and the saddle assembly address road irregularities at different parts of the bicycle. The suspension fork includes a lockout, allowing the rider to restrict fork movement when a firmer front end is preferred on smoother surfaces.

Kenda 27.5-by-2.4-inch tires provide a wide platform for city riding without adopting the smaller wheels of a compact utility bicycle. Puncture-resistant construction and aluminum double-wall rims form the wheel system, with alloy fenders above both tires.

Multiple frame mounts accommodate bottles, locks, extender water bottle battery and additional equipment without assigning every item to the rear rack. The aluminum frame uses hydroformed tubing, with internal cable routing through the headset and an integrated appearance around the adjustable stem.

GlideOn uses Shimano Acera 8 speed shifting with an anti-rust KMC chain. Where most bikes in this class run a 44- or 48-tooth chainring, GlideOn fits a 52-tooth ring, which raises the gear ratio and keeps cadence comfortable at cruising speed without spinning out. The taller low gear asks more of the rider on climbs, but the 67Nm motor covers that, and the 12-to-32-tooth cassette keeps gearing mechanical alongside the electric assistance, so pedal cadence is not set by the motor alone.

The motor delivers 67Nm of torque and 750W peak output, paired with a CAN-connected controller with a 20A current limit. Five assistance levels and TLG Auto Mode let riders select assistance or adapt it automatically to riding input.

Switchable torque and cadence sensor modes offer responses to pedal force or rotation. TLG Ride Tune in the app adjusts supported assistance settings, while TLG's proprietary Nitro Burst provides an on-demand boost. These controls tailor motor response without changing the bicycle's fit.

The standard 720Wh battery uses Samsung/LG lithium-ion cells, with the supplier varying by batch, in a removable 48V pack. An optional 240Wh piggyback extender increases total battery capacity to 960Wh without changing the bicycle's frame geometry or wheel dimensions.

Rated range reaches up to 70 miles with the standard battery and up to 110 miles with the extender. Actual distance varies with terrain, rider load, assistance settings and conditions; the additional battery is a separate accessory, not part of the standard 720Wh pack.

The supplied charger accepts 100?240V input and provides a 2A charging output. The removable pack can be charged away from the bicycle, separating access to an electrical outlet from the location where the bike is stored.

GlideOn combines a 400-pound maximum bike load with a MIK HD-compatible rear rack rated for 27kg, approximately 60 pounds. Rack cargo remains subject to that separate limit as well as the bicycle's overall carrying limit.

Tektro hydraulic disc brakes use 180mm rotors at both wheels. Integrated brake sensors accompany the braking system, while the rear light adds brake illumination, turn signals and hazard flashers to the bicycle's lighting equipment.

The 520-lumen front light illuminates the road, while an ambient-light sensor behind the display switches the front and rear lights on and off automatically for day and night riding, like a car's auto headlamps. A 3.5-inch color display includes adjustable positioning and Type-C charging, allowing the cockpit to carry riding information as well as the mechanical controls.

GlideOn supports the optional TLG SmartDrive IoT module for GPS tracking, GeoFence alerts and remote authorization. Cellular functions require active SIM service, coverage and available power; 180 days of SIM service are included, followed by carrier charges. The module is sold separately.

GlideOn weighs 66.35 pounds and comes in step thru only with S/M and M/L sizes. TLG pairs the step-through form with internal cable routing and a smooth welding finish, keeping the bicycle's full-size proportions and commuter equipment within a visually consistent design.

TLG prices GlideOn at $1,999, with full frame dimensions, component details and battery options for the ebike for adults available at tlgmobility.com.

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TLG

TLG builds e-bikes for the way people actually live - from daily commutes and errands to family time, weekend rides, and everything in between. Our goal is simple: make every ride feel easier, more capable, and more enjoyable.

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