

Cavalier-GT

**Unmatched for
Elegance**



**The Technology
by
Velotek®**

There is only one word to truly describe the Cavalier-GT, ***elegant***. Integrating the latest ebike and motorcycle technologies and styling, it will deliver the smoothest and safest ride on the planet. Veloteks emit zero pollution but are amazingly inexpensive to own and operate. Large bright lighting systems insure that you will be easily seen while riding at night. Advanced technology suspension systems and design insure smooth riding and maneuvering while reducing frame stress. This is an ebike that is really made to last. High low-end torque insures reliable hill climbing and fast getaways.

***Cavalier-GT High Output 500W Electric Bicycle, 48V System, Power on Demand
Advanced motor design with auto-lube gear reduction transmission, NiD Boron magnet assembly
Maximum speed allowed by law in US and Canada-20 mph/32 km/h
>40 miles-65 km 48V system standard range at 12mph/20km/h dependent on load and terrain.
A-arm front suspension fork for better control and handling on curves and reduced fork stress
Vertically oriented minimum trail distance rear suspension for greater stability and less frame stress
Advanced automotive cushioned drum brakes for smooth and sure stops
Fully automatic self activated cruise control with automatic brake shutoff
Accurate power meter/speedometer with odometer
High level audible alarm system with remote control
Locking steering column to discourage theft
Fully adjustable side view mirrors and clear viewing distance
Scratch-proof HI-GLOSS baked enamel finish, wax if you want to.
Underseat storage and rear cargo trunk built-in***

Safety features include:

- large headlight and tail light, turn signals, horn
- wide fully adjustable rear view mirrors
- heavy duty kickstand
- Smart Charger 48V/3A rated for 20Ah, cUL Listed
- automotive type cushioned brake system
- backlighted instrument panel for night time operation
- Anti-theft Alarm System with remote control, locking steering column
- circuit breaker protection



**Compliant with US CPSC, DOT and Transport Canada Regulations for
Low Power Electric Bicycles**



Specifications:

Model: Cavalier-GT Low Speed Electric Bicycle	Brake System: Front/Rear cushioned automotive drum**2
Electric Motor: 500W/48V Brushless DC Gear Reduction Motor	Stopping Distance: <8'@19mph (<2.5m@30km/h)**2
Torque/Limit Current: Max. 55Nm/22A	Safety Features: Right/Left rear view mirrors, horn
Removable pedals for manual operation	Lights: headlight, tail light, turn signals, wheel reflectors
Battery Type: UL Glass Mat Deep Cycle Sealed Lead Acid	Anti-theft Alarm: High level audible signal with remote
Battery Supply: 4 x 20Ah @ 5 hr. rate	Front steering column lock
Power Supply Wt.: 62 lbs (28kgs)	Load Capacity: 330 lbs (150 kgs)*2
Recharge Times: >400 @80% discharge rate with proper maintenance	Compliance: CPSC, CMVSA, cULus, CE
Charger: 48VDC/3A Smart Charger, cUL Listed	Vehicle size: 73"L x 28"W x 43"H (187cm x 53 x 110cm)
Rim Diameter: 16" (456mm)	Seat Height: 30" (76cm)
Tires: CST 16x3.0 Nylon O.D. 17.75 in. (45 cm)	Carton size: 65"L x 21"W x 35"H (166cm x 53cm x 87cm)
Speed: Max. 20 mph (32 km/h) on a dry level surface	Net Vehicle Wt,: 108 lbs (kgs) without Power supply
Range: =>40 miles@12mph (=>65km@18km/h)	Gross Vehicle Wt.: 172 lbs (76 kg) w/Power supply
Degree of Climb: 15° grade	Shipping Wt: 121 lbs (55kgs) (PSU shipped separately)
	PSU Shipping Wt.: 63 lbs (28.5kgs)

*Specifications are subject to change. For the latest updates visit www.Veloteq.com . Safety compliance is in accordance with US CPSC CFR 16 Part 1512.5 brake requirements: 170 pound rider @ 15 mph within 15' on a dry, level surface.

*Consult your local department of motor vehicles as local regulations may vary. These ebikes are legal for on road use in the United States without license or registration under current bicycle laws (US PL107-319) and are compliant with CPSC regulations, CFR 16 Part 1512. No license, registration or insurance is required by Federal Law. They are compliant with Sect. 2(1) of the CMVSA as Power Assisted Bicycles. US State Laws and Canadian Provincial Laws may vary. Veloteq Motor Corporation, its distributors and dealers are not responsible for any misuse or the failure to comply with all applicable bicycle and motor vehicle laws that apply among jurisdictions.



Veloteq Corporation
1411 Indiana Street
Suite 2
Houston, TX 77006-1856
832-675-9790
www.Veloteq.com