

COUGAR XR

A truly great car..

***..comes back as a
truly great ebike!***



The Technology

by

Veloteq®

The Cougar XR8 by Veloteq is to our Challenger what Ford's Cougar was to the Continental Mark IV. It is scaled down in size to suit smaller riders yet it includes the advanced features of the larger models. Veloteqs 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.

***500XR-8 High Output 500W Electric Bicycle, 48V System, Pedal or Power on Demand
Advanced motor design with automatic transmission, Nickel Dyminum Boron magnet assembly
Maximum speed allowed by law in US and Canada-20 mph/32 km/h
>30 miles-50 km 48V system standard range, without pedal assist, and great on hills
Hydraulic reverse telescoping front suspension to reduce stress on upper front fork
Minimum trail distance rear suspension for greater stability an 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
Digital rear wheel and motor lock completely disables motor when engaged***

Safety features include:

- large headlight and tail light, turn signals, horn
- wide rear view mirrors
- heavy duty kickstand
- Smart Charger 48V/2A
- automotive type cushioned brake system
- backlighted instrument panel for night time operation
- digital rear wheel and motor lock cannot be bypassed or deactivated without key
- Anti-theft Alarm System with remote control
- circuit breaker protection



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



Specifications:

Model: Cougar XR-8 Low Speed Electric Bicycle	Brake System: Front/Rear cushioned automotive drum*
Electric Motor: 500W/48V Brushless DC PWM 3-phase	Stopping Distance: <8'@19mph (<2.5m@30km/h)*
Torque/RPM: Max. 19.5Nm@290rpm-7.2Nm@520rpm	Safety Features: Right/Left rear view mirrors, horn
Pedals for manual operation	Lights: headlight, tail light, turn signals, wheel reflectors
Battery Type: UL Listed Glass Mat Deep Cycle Sealed Lead Acid	Anti-theft Alarm: High level audible signal with remote
Battery Supply: 4 x 14Ah @ 5 hr. rate	Rear Wheel/Motor Digital Lock (disables all functions)
Power Supply Wt.: 37 lbs (17kg)	Load Capacity: 330 lbs (150kg)*
Recharge Times: >400 @ 80% discharge rate with proper maintenance	Compliance: CPSC, CMVSA, UL, cUL, CE
Charger: 48VDC/12A Smart Charger cULus Listed	Vehicle size: 65.5"L x 25"W x 40H" (166 x 64 x 40cm)
Rim Diameter: 16" (456mm)	Seat Height: 29.5" (75cm)
Tires: CST 16x2.25.0 Nylon O.D. 17in. (43cm)	Carton size: 65"L x 18.5"W x 31"H (165 x 47 x 79cm)
Speed: Max. 20 mph (32 km/h) on dry level surface	Net Vehicle Wt.: 93 lbs (40kgs) without Power supply
Range: =>30 miles@12mph (=>50km@20km/h)	Gross Vehicle Wt.: 132 lbs (60kgs) w/Power supply
Degree of Climb: 10° grade	Shipping Wt: 105 lbs (48kgs) (PSU shipped separately)
	PSU Shipping Wt.: 40lbs (18kgs))

*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. Specifications are subject to change. For the latest updates visit www.Veloteq.com .

*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.



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