

CHALLENGER 500C™
The Lexus of Ebikes

Model 500C-XLR
High Power, Extra Long Range
Electric Bicycle with Cruise
Control and
Anti-Theft Alarm System



FEATURES

High Power 500W Brushless DC Hub Motor

48V Electrical System for Extended Travel and Hill Climbing Capacity

>47 Miles Cruising Distance without Pedal Assistance

cULus Listed “Smart” Charger with Automatic Shutoff

UL Listed 22Ah Batteries for Super Long Haul and Increased Uphill Torque

Bright Headlight, Taillights & Turn Signals

Automatic Fully Adjustable “Auto Breeze” Cruise Control

Roomy Underseat Storage Rear Cargo Carrier

Front Disc Brake for Sure Stopping, Uphill or Down

Rugged 2-Shoe Rear Drum Brake

Anti-theft Alarm System with Programmable Remote Control Included

Compliant with Consumer Product Safety Commission Regulations and Canada Motor Vehicle Safety Act



SPECIFICATIONS

Model: 500C-XLR Electric Bicycle
Pedals included for manual operation
Electric Motor: 500W/48V Brushless DC
Battery Supply: 4 x 12V/22Ah
Battery Type: UL/Deep Cycle Sealed Lead Acid
Battery Pack Wt.: 63 lbs (28.2kg)
Recharge Times: >300
RT/LEFT Rear View Mirrors and Horn Included
Speed: Max. 20 mph (32km/h)
Range: => 47 miles@12mph
(=>75km@18km/h)
Degree of Climb: 30° with pedal assist
Brake System: Front 155mm Disc/Rear Drum
Stopping Distance: 8’@15 mph
Wheel Diameter: 18” (457mm)
Assembly tool kit included with spare fuses
Load Capacity: 220 lbs (100 kg)
Vehicle size: 69”Lx25”Wx43”H
(175x64x110cm)
Carton Size: 64”Lx17”Wx41”H
(158x36x96cm)
Net Weight: 139 lbs (63kg)
Gross Shipping Wt.: 91 lbs (39kg)
Compliance: CMVSA, US CPSC, cULus



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