

CHALLENGER 500C™
The Lexus of Ebikes

**High Power, 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**

**30 Miles Cruising Distance without Pedal
Assistance**

**cULus Listed "Smart" Charger with
Automatic Shutoff**

UL Listed 14Ah Batteries for Long Hauls

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 Electric Bicycle
Pedals included for manual operation
Electric Motor: 500W/48V Brushless DC
Battery Supply: 4 x 12V/14Ah
Battery Type: UL/Deep Cycle Sealed
Lead Acid
Battery Pack Wt.: 39 lbs (17.6kg)
Recharge Times: >300
RT/LEFT Rear View Mirrors and Horn
Included
Speed: Max. 20 mph (32km/h)
Range: => 30 miles@12mph
(=>50km@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"Wx39"H
(158x36x96cm)
Net Weight: 115 lbs (52kg)
Gross Shipping Wt.: 91 lbs (41kg)
Compliance: CMVSA, US CPSC, cULus



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