

# STELLAR FALCON

## STEP-THRU VERSION



**Crimson Red**



**Galaxy Blue**



70 Miles Max Range



28 MPH Top Speed



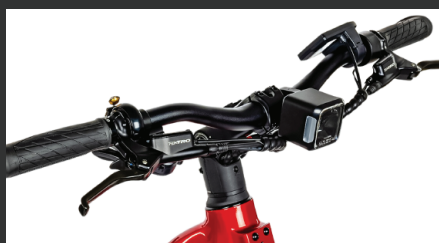
Integrated Wiring



**Black Cherry**



Performance: **4 riding modes, 750W & Cadence/Torque sensor**



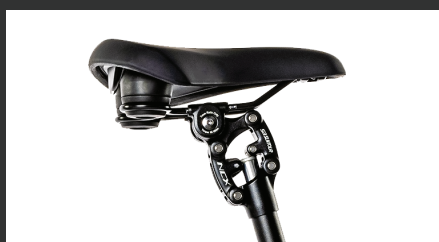
Comfort & Safety: **Adjustable stem, ergo grips, and front/rear lights**



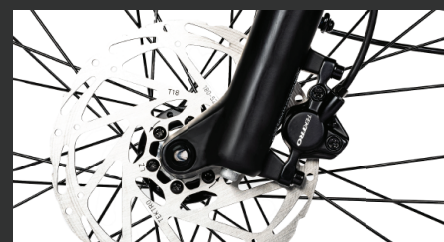
Rear Rack & Fenders: **Stay clean with 50lbs capacity**



Front Suspension: **SR Suntour Air Suspension Fork, 110mm travel**



Rear Suspension: **SR Suntour NCX reduces vibrations and shocks**



Hydraulic Disc Brakes: **Stop confidently with Tektro E350**

# STELLAR FALCON STEP-THRU SPECIFICATIONS

## GENERAL INFORMATION

Range	Up to 70 miles
Speed	28 mph max
Weight	74 lbs
Weight Capacity	350 lbs
Sensor System	Torque & Cadence
Safety Certifications	SGS Certified, UL 2849

## SIZING

Rider Height	5'2" - 6'0"
Seat Tube Length	15 inches
Total Length	72 inches
Wheelbase	46 inches
Standover Height	17 inches
Reach	16 inches
Saddle Height	33 - 40 inches
Stem	90mm, adjustable

## SUSPENSION & WHEELSET

Front Fork	Air SR Suntour XCM 32 (110mm travel)
Seatpost	SR Suntour NCX Suspension
Saddle	Velo Sport Comfort
Tires	Schwalbe Johnny Watts 27.5 x 2.8"
Rim	Double-walled aluminum
Spokes	12G Front, 12G Rear
Front Hub	Thru-Axle

## FRAME

Frame Material	Aluminum 6061 Alloy
Frame Style	Step Through & Mid Step
Rear Rack	Aluminum (50 lbs max)

## DRIVETRAIN

Brakes	Tektro E350 Hydraulic
Brake Levers	Tektro w/ motor cut-off
Brake Rotor	180mm front & rear
Derailleur	Shimano Altus, 8-speed
Freewheel	8-speed, 11 x 34T gearing
Chain	KMC Z7 stainless steel
Crank Set	Aluminum alloy, 170mm
Chainring	50T with chain guard
Pedals	Polypropylene with studs

## ELECTRONIC

Motor	750W Bafang geared hub
Battery	48V, 15Ah, 720Wh
Controller	Custom 48V, 20 Amp in-frame
Display	Left side color LCD
Headlight	200 lux dual beam LED
Rear Light	Standard & flash
Charger	48V, 2 Amp
Throttle	Thumb throttle, left
USB Port	Type C USB charging