

Carbon Classic Lightweight E-bike - Technical Specifications

General Info

Model:	Carbon Classic Lightweight E-bike
Net Weight:	38 lbs w/o acc.
Material:	Carbon fiber (frame, fork)
Range:	Up to 75 miles *The 75-mile range was tested with a 180 lb rider, riding in ECO mode on flat roads.
Top Speed:	20mph by default / 25mph upon unlock
Total Weight Limit:	240 lbs
Rider Height:	5'3" - 6'5"
Brakes:	TEKTRO hydraulic disc brake with power cut-off sensor
Wheels:	700C (ISO 622mm BSD), 40C (45C max.) tires, puncture-proof tire
Water Resistance:	IP65

Ebike System

Class:	Class 2
Motor:	750W (peak) rear hub, 60Nm
Battery:	352.8Wh Samsung Li-ion, certified to UL-2271, removable battery
Pedal Assist:	5 levels
Charger:	2.5H fast charger
Display:	3.5" Color LCD display
Sensors:	Torque sensor
Lights:	Front: External light, 30 Lux / Rear: External rear light (Not ARES lights)

Drivetrain

Chainrings:	44T
Crankset:	Aluminum alloy, 170mm
Cassette:	11-40T, 8 Speed
Chain:	Shimano 8 speed
Rear Derailleur:	Shimano 8 speed
Shift Lever:	8 Speed Trigger
Pedals:	9/16" Alloy Platform

Cockpit

Grips:	Durable ergonomic Grips, lockable
Seat Post:	Aluminum Alloy, phi31.6mm, 300mm (size M&L), 250mm (size S)