



Radiant Carbon Specs Sheet



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RADIANT
carbon

DIMENSIONS: 74" L, 3" W, 43" H
WEIGHT: 52 LBS



**Asymmetric Carbon Fiber Frame
Universal Fit Expanding Geometry**

**FSS Performance Saddle,
Advanced Foam Tech for Comfort**

Integrated Rear Light

**4-Piston Magura
Hydraulic Disk Brakes**

**NuVinci Optimized Enviolo
SP Automatic Transmission**

**Gates 50,000-mile Lifespan
Carbon Belt Drive**

**Fully Internal 630 watt/hour
Rechargeable & Replaceable Battery, Range > 100 miles**

Shimano Class 1 Center Drive Motor with Torque Sensors

**Integrated Control
Ergonomic Handlebar**

Shimano Computer Instruments & Controls

Internal Electronic & Hydraulic Cable Routing

Integrated Front Light

**Asymmetric Forged,
Swaged & Shaped Fork**

Sealed Bearing Alloy Hubs

50mm Wide Anodized Alloy Rim

Alloy Nipples. Stainless Steel Spokes

**Super Moto 2.8" "Plus Size"
Schwalbe Tubeless Ready Tires**

THE RIDE™

RADIANT carbon

TECHSHEET



Display Interface	Shimano STEPS SC E6100
Connectivity	3G Bluetooth
APP	Shimano E-TUBE
Keyless	✓
Settings	✓
Cadence	✓
Odometer	✓
Elapsed time	✓
Battery charge	✓
Battery max. range	B44E2001 F 630 Wh > 100 miles
Charger	B44ER0024F Fast Charger
Max charging time	3hrs

Motor	Shimano E6100 North American Version Type 1 eBike Classification
Output in watts	500 W
Torque in Nm	60 Nm
Category	Electric-Assist up to 20 mph (US: Class 1 - Least Restrictions)

Frame color	Radiant Red /Obsidian Metallic / Cobalt Blue
Frame	Asymmetrical Carbon Fiber (weighs 52 lbs with all components & wheels)
Fits	5'0" - 6'4"
Stem	3D Forge AL-6061, Stealth Black, Stainless Bolt 1-1/8" x 31.8mm 4 bolt bar clamp
Handlebar	31.8mm 630mm wide
Grips	Ergonomic Palm Swell Black
Rim	27.5 x 50 Alloy Anodized
Tires Dimension	Schwalbe Super Moto 27.5+ x 2.8" Race Guard, Tubeless Ready
Wheelset	50mm Alloy Double Wall Rims, 32 Black Stainless Steel Spokes, Alloy Nipples, Tubeless Ready
Brakes	Magura MT-30 4 Piston, Black, Hydraulic, Adjustable Composite Levers
No. of pistons in front rear	4 4
Brake disk at front rear	180 mm 180 mm
Shifting System	NuVinci Optimized Enviolo SP Automatique (12mm x 148mm)
Crank	Shimano E6100 170 mm
Saddle	Ergonomic Performance Design - Foam Suspension System
Seat Post	D: 30.9mm, L: S/M 300mm, M/L 350mm, XL 400mm, 75mm minimum insertion
Fork	Forged, Swaged and Asymmetrically Shaped, Steel Axle
Belt Drive System	Gates Carbon Drive: Greaseless/Stainless Steel Belt Pullies, Carbon/Kevlar Belt
Cockpit	Expanding Universe Geometry. One size Fits 5'-6'4"
Headset	45°/45° ACB Bearings, Alloy, 19mm TC, Alloy Cups, Alloy Cups, Stealth Black
Pedal/Kickstand	AL-6061 body, Cr-mo-steel spindel, LSL bushing, sealed and needle bearing