

AMFLOW

TL Carbon

Fully Loaded for Adventure

49.8lb
Bike Weight [1]

125N·m
Max Torque [2]

Up to 1280Wh Total
Capacity [3]

440lb
Total Weight [4]

SmoothShift [5] &
FOX FS [6]

Apple® Find My &
Navigation [7]

Amflow TL Carbon				
Frame		Full Carbon Fiber, Silica Beige Full Suspension [8] Co-Developed With FOX, Front 120mm, Rear 105mm 800Wh/600Wh [9] Removable Battery, 480Wh Secondary Battery [9], Up to 1280Wh Total Capacity Works With Accessories Like Panniers [9] or a Bike Trailer [9]		
Drive System	Drive Unit	Avinox M2 Drive Unit: Rated 110N·m, Peak 125N·m		
	Display	Avinox DPC100 Control Display: 2-inch OLED, Supports Apple® Find My, GPS, and Bluetooth; Supports Display of Power, Map Navigation, Cadence, Gradient, Torque, and Speed Wireless Controller × 2: One on Each Side of the Handlebar		
	Battery	Avinox RS800 Battery (Removable)		
	Charger	Avinox 4A/168W Charger (Charging Time: 0–80%: approx. 4h 38min; 0–100%: approx. 6h 3min)		
Suspension	Fork	FOX AWL Sport, 120mm, RAIL 2.0 damper, LSR adjustment, 15×110mm Kabolt, 44mm offset		
	Rear Shock	FOX FLOAT Rhythm, LSR adjustment, Amflow TL tuned, 190×45mm		
Drivetrain	Electronic Rear Derailleur	TRP E.A.S.I. RD-T7010E-L, 10/11-Speed		
	Cassette	CS-M5243, 10-Speed, 11-43t		
	Chainring	Avinox Direct Mount Chainring (38T)		
	Chain	Avinox eGlide T Chain (10S/11S, 118 Links)		
	Crankset	Avinox SL Crankset (S/M: 155mm; L/XL: 160mm)		
Brakes		Tektro TKD173 Hydraulic Disc Brakes, 4-Piston Caliper, Customized for Amflow Tektro TR180-61E, Ø180mm, 2.3mm Thickness, w/ Integrated Tonewheel for Avinox		
Wheels		Front Wheel: Amflow HTA-25 Front Wheel (27.5") Tires: Maxxis 27.5×2.35 Crossmark II Wire Bead/Clincher/ EXO/60TPI Rim: Alloy, 27.5", 25mm Inner Width, 32H Hub: Alloy, 15×110mm Thru-Axle, 32H, 6-bolt	Rear Wheel: Amflow HTA-25 Rear Wheel (27.5") Tires: Maxxis 27.5×2.35 Crossmark II Wire Bead/Clincher/ EXO/60TPI Rim: Alloy, 27.5", 25mm Inner Width, 32H Hub: Alloy, 12×148mm Thru-Axle, 32H, 6-bolt, 6 Pawls, HG Freehub	
Cockpit	Handlebar	Amflow Touring Handlebar, 35mm Diameter, 93mm Rise	S/M Size Frame: 720mm Width L/XL Size Frame: 740mm Width	
	Grips	Amflow Enduro Grip2		
	Stem	Amflow Touring Bike Split Stem (Clamping Diameter: 35mm, Length: 35mm, Angle: 0°)		
	Saddle	Amflow Touring Saddle		
	Dropper Post	Amflow TA Dropper Post, 31.6mm (Adjustable Travel: 0/-10/-20mm)	S/M Size Frame: 150mm L/XL Size Frame: 170mm	
Accessories		Avinox Front Light Amflow Touring Rear Rack, Compatible With MIK HD Standard Amflow Elite MTB Pedals Amflow Bottle Cage	Front Fender, Rear Fender Amflow Touring Kickstand (348mm) Amflow Touring Bike Split Stem (Clamping Diameter: 35mm, Length: 58mm, Angle: +12.5°)	Rear Light With Integrated Reflector Dropper Post Travel Reducing Spacer Two Keys for Removable Battery Torque Wrench

* All product images on this page are for reference only. Actual products may vary. Please refer to the actual product.

1. The data is based on the Amflow TL Carbon M-size complete bike. Actual product weight may vary due to personalized configurations (e.g., lights, pedals, mudguards, rear rack, kickstand), manufacturing batch differences, and external factors. Please refer to the actual product. 2. 125N·m max torque applies to Amflow TL Carbon only. The Avinox M2 Drive Unit has a rated power of 250W. For details, see the official Amflow website. 3. Requires an Avinox 480Wh Secondary Battery, sold separately. 4. Includes the weight of the bike, rider, and the loads on the front rack (max 44lb) and rear rack (max 59lb). 5. Requires the bike's factory-equipped derailleur. 6. "Full suspension" means the bike is equipped with both front and rear suspension. 7. Requires the Avinox Ride app. Amflow TL Carbon supports route file import in GPX, FIT, and TCX formats. Offline navigation is currently limited to a mapless mode, displaying only the route track. 8. "Full suspension" means the bike is equipped with both front and rear suspension. 9. Accessories such as the 600Wh Removable Battery, 480Wh Secondary Battery, charging hub, panniers, bike trailer, and front rack are sold separately.