



Rungu Detailed Specs - 2024

Rungu Detailed Specs - 2024		Dualie Double Wheel E-bike Models			Dualie XR (eXtended Range) Double Wheel E-bike Models	
		Standard	Steep	Rugged	Steep	Rubicon Trail Edition
Dimensions	Projected length	85 in. (2134 mm)				
	Handle bar width (effective)	32.7 in. (830 mm)				
	Unit weight (with batteries and accessories)	88 lbs. (40 kg)	94 lbs. (42.6 kg)	105 lbs. (47.6 kg) ⁸	111.5 lbs. (50.6 kg)	121 lbs. (54.9kg) ⁸
	Frame size	14.5 in. (368 mm)				
	Seat tube length (center to top)	13.4 in. (341 mm)				
	Bottom bracket height	13.1 in. (332 mm)				
	Chainstay length	22.4 in. (569 mm)				
	Head tube angle	66°				
	Head tube length	7.6 in. (193 mm)				
	Seat post length	15.7 in. (400 mm)				
	Seat tube angle	73°				
	Top tube effective length (horizontal projection)	23.3 in. (592 mm)				
	Seat surface highest position - Standard Saddle	42 in. (1,041 mm)				
	Seat surface lowest position - Standard Saddle	34 in. (838 mm)				
	Seat surface highest position - Serfas CRS-1 with	43 in. (1,067 mm)				
	Seat surface lowest position - Serfas CRS-1 with	35 in. (864 mm)				
	Path width (distance from outside of one front tire to the other)	13.75 in. (349 mm)				
	Stand-over height	26.5 in. (673 mm)				
	Top of stems (highest point on bike with seat in lowest position)	43.5 in.(1105 mm)				
	Packaging height of bike (front wheels removed - w/o steering risers)	31.6 in. (803 mm)				
	Max Transport Height - back edge of cargo rack height (front wheels removed - cargo rack installed)	36.4 in. (925 mm)				
	Packaging length of bike (front wheels removed, w or w/o cargo rack installed)	71 in. (1803 mm)				
	Ground clearance	10 in. (254 mm)		9 in. (229 mm)		8 in. (203 mm)
Breakover angle	40°		36°		33°	
Wheel base	54.7 in. (1390 mm)					



Rungu Detailed Specs - 2024

Rungu Detailed Specs - 2024		Dualie Double Wheel E-bike Models			Dualie XR (eXtended Range) Double Wheel E-bike Models		
		Standard	Steep	Rugged	Steep	Rubicon Trail Edition	
Category	Feature/spec						
Performance	Absolute Maximum range on flat pavement with pedal-assist at 10 mph and no wind ¹	123 mi (199 km)	120 mi (192 km)	135 mi (217 km)	247 mi (397 km)	235 mi (378 km)	
	Estimated off road range with pedal-assist at 10 mph avg speed ¹	21 mi (34 km)	21 mi (34 km)	24 mi (38 km)	43 mi (70 km)	42 mi (67 km)	
	Max range off road - throttle-only avg 10 mph ¹	19 mi (30 km)	18 mi (29 km)	21 mi (34 km)	39 mi (62 km)	38 mi (60 km)	
	Max climbing grade seated ²	49%	47%	53%	51%	50%	
	Max descent grade (seated - lowest saddle position - constant speed)	50%+					
	Top speed - off-road ³	24 mph (38 kph)	24 mph (38 kph)	24 mph (38 kph)	23 mph (37 kph)	23 mph (37 kph)	
	Max power output (W) ⁴	1429					
	Max power output (Hp) ⁴	1.9					
	Rotational speed at max power out (RPM)	121					
	Max torque output (Nm)	197					
	Max torque at wheel (Nm)	276 ⁶			328 ⁷		
	Max weight supported (rider and cargo)	350 lbs. (159 kg)	344 lbs. (156 kg)	335 lbs. (152 kg)	332 lbs.(151 kg)	321 lbs.(151 kg)	
	Max towing weight - hitch on rack	N/A	300 lbs. (136 kg)	300 lbs. (136 kg)	300 lbs. (136 kg)	300 lbs. (136 kg)	
	Max load - Rungu Cargo Rack	N/A	180 lbs. (81.6 kg)	180 lbs. (81.6 kg)	170 lbs. (77 kg)	170 lbs. (77 kg)	



Rungu Detailed Specs - 2024

Rungu Detailed Specs - 2024		Dualie Double Wheel E-bike Models			Dualie XR (eXtended Range) Double Wheel E-bike Models	
		Standard	Steep	Rugged	Steep	Rubicon Trail Edition
Category	Feature/spec					
Motor, Battery and Control Circuitry	Bafang BBSHD 1000W (G310.1000) mid-drive motor with 52V modification	Standard				
	Minimum operating temperature (Mfg spec)	-4° F (-20° C)				
	Maximum operating temperature (Mfg spec)	113° F (45° C)				
	IP Rating	IP65 (Dust tight, Protection against low-pressure jets (6.3 mm) of directed water from any angle (limited ingress				
	Rungu Integrated 52V 16 Ah ¹⁰ (830 Wh) LiNMC locking battery with integrated charging port and USB output	Standard		N/A		
	Rungu Integrated 52V 19.2Ah ¹⁰ (1000 Wh) LiNMC locking battery with integrated charging port and USB output	Optional Upgrade		Standard		N/A
	Dual Rungu 52V 18 Ah ¹⁰ (Total 1,870Wh) LiNMC batteries, Rungu Battery Link	N/A			Standard	
	Minimum operating temperature (Mfg spec)	-40° F (-40° C)				
	Maximum operating temperature (Mfg spec)	161° F (72° C)				
	5 A battery charger - full charge in 4 hours	Standard			N/A	
	Dual 7.5A battery chargers - full charge in 2.3 hours	N/A			Standard	
	Rungu Frame Case and Cargo Rack battery storage with locking access	N/A			Standard	
Motor - Electrical	Nominal voltage (V)	52				
	Max voltage (V)	60				
	Max continuous input current (A)	28				
	Max continuous power input (W)	1680				
	Max efficiency	88%				



Rungu Detailed Specs - 2024

Rungu Detailed Specs - 2024		Dualie Double Wheel E-bike Models			Dualie XR (eXtended Range) Double Wheel E-bike Models	
		Standard	Steep	Rugged	Steep	Rubicon Trail Edition
Category	Feature/spec					
Transmission	High strength alloy 30T chainring	Standard				
	270 mm alloy crank arms	Standard				
	Light-weight alloy off-road pedals with sealed bearings	Standard				
	microSHIFT Advent 9 Speed with clutch mechanism	Standard		N/A	Standard	N/A
	Box 2 Prime 9 X-Wide Rear Derailleur with clutch mechanism	Optional Upgrade		Standard	Optional Upgrade	N/A
	Steel large cog cassette, 9s: 12-14-16-18-22-28-34-42-50T	Optional Upgrade		Standard	Optional Upgrade	N/A
	Steel large cog cassette, 9s: 11-13-15-18-21-24-28-34-42T	Standard		N/A	Standard	N/A
	KMC 10-speed chain	N/A				
	KMC e10, E-Bike Chain	Standard				
Frame	Rungu Custom 6061-T6 Aircraft Aluminum, hand welded frame	Standard				
	Midnight Black	Optional				
	Forest Green	Optional				
	Winter Slate	Optional				
	Premium Color - Sitka Spruce	N/A	Optional Upgrade			
	Premium Color - Sandstone Wash	N/A	Optional Upgrade			
	Premium Color - Carbon Stealth	N/A	Optional Upgrade			
	Camo wrap	Optional Upgrade				
Custom color	Optional Upgrade					



Rungu Detailed Specs - 2024

Rungu Detailed Specs - 2024		Dualie Double Wheel E-bike Models			Dualie XR (eXtended Range) Double Wheel E-bike Models	
		Standard	Steep	Rugged	Steep	Rubicon Trail Edition
Category	Feature/spec					
Wheels and Tires	Front wheels 26" alloy rims designed for fat tires with stainless steel spokes and sealed-bearing alloy hubs	Standard				
	Tires: Vee Rubber Snowshoe XL 4.8" or Snow Avalanche 4.8" x 26" - presta valve inner tube	Standard		N/A	Standard	N/A
	Tires: Maxxis Minion 4.8" x 26", presta valve inner tube	Optional Upgrade		Standard	Optional Upgrade	N/A
	Tannus Armour Rear Tire Liner	Optional Upgrade	Standard			
	Front tires - dual Tannus Armour Liners	Optional Upgrade		Standard	Optional Upgrade	
Controls	9 Speed sealed-bearing trigger shifter	Standard				
	Integrated 9 speed gear indicator	N/A	Standard	N/A	Standard	N/A
	Thumb throttle	Standard ⁹				
	Gearsensor.com electronic clutch	Standard				
	Color multifunction dashboard with speedometer, fuel gauge and power meter	Standard				
	Dual hydraulic front disc brakes with parking brake and 203 mm rotors	Standard				
	Hydraulic rear disc brake with parking brake and 203 mm rotor	N/A	Standard			
	Hydraulic rear disc brake with 180 mm rotor	Standard	NA			
Electronic Brake Sensor - disables motor during braking	Standard					



Rungu Detailed Specs - 2024

Rungu Detailed Specs - 2024		Dualie Double Wheel E-bike Models			Dualie XR (eXtended Range) Double Wheel E-bike Models	
		Standard	Steep	Rugged	Steep	Rubicon Trail Edition
Category	Feature/spec					
Steering	Patented dual-handlebar steering assembly	Standard				
	Sealed-bearing alloy headsets	Standard				
Comfort	Off-road grips	Standard		N/A	Standard	N/A
	ODI off-road grips	N/A		Standard	N/A	Standard
	Custom Rungu fat tire suspension steel forks with 100 mm travel, adjustable coil tension and lock out	Standard				
	Steering risers for upright seating and riders 6'3" and taller	Optional Upgrade				
	Velo Plush saddle and 400 mm alloy seat post, alloy quick release adjustment clamp	Standard				
	Serfas ATV style saddle with 400 mm alloy seat post, alloy quick release adjustable clamp	Optional Upgrade				
	Cane Creek Thudbuster LT Suspension Seat Post	Optional Upgrade (include weight of rider + 25 lbs. at time of order for configuration)				
	Cirrus Cycles Kinect LR or XR Seatpost	Optional Upgrade (include weight of rider + 25 lbs. at time of order for configuration)				



Rungu Detailed Specs - 2024

Rungu Detailed Specs - 2024		Dualie Double Wheel E-bike Models			Dualie XR (eXtended Range) Double Wheel E-bike Models	
		Standard	Steep	Rugged	Steep	Rubicon Trail Edition
Accessories	Rungu 36W 2560 Lumen E-Light	N/A			Standard	
	Rungu 6W 420 integrated headlight	Standard			N/A	
	Rechargeable/removable taillight with brake-sensing technology	Optional Upgrade				
	Gearshield - Protects derailleur from sticks and weeds	Optional		Standard	Optional	Standard
	Deer Cart - hooks to rear axle	Optional Upgrade				
	Cargo Trailer- hooks to rear axle	Optional Upgrade				
	Heavy Duty Kickstand	Optional Upgrade				
	Extended Length Polymer front mud guards	N/A			Standard	
	Extended Length Aluminum front mud guards	Standard			N/A	
	Seatpost-mounted rear mud flap	Standard	N/A			
	Chainring mounted chainguard	Optional Upgrade	Standard			
	Rungu Cargo Rack	Optional Upgrade	Standard			
	Hex wrenches - set of 10	Standard				
	Programmable tire inflator	N/A		Standard	N/A	Standard
	Presta valve converters (3x) + spare master links	Standard				
	Skid plate/bash guard	Optional Upgrade		Standard	Optional Upgrade	Standard
	spare chain, spare tube, chain tool	N/A		Standard	N/A	Standard
First aid kit, saddle bag for Rungu Cargo Rack with adapter	N/A		Standard	N/A	Standard	



Rungu Detailed Specs - 2024

Rungu Detailed Specs - 2024		Dualie Double Wheel E-bike Models			Dualie XR (eXtended Range) Double Wheel E-bike Models	
		Standard	Steep	Rugged	Steep	Rubicon Trail Edition
Warranty	Limited Warranty - mechanical and electrical	2 years				

¹ Estimate based on experience and calculation of maximum range for Rungu carrying 175 lbs. load, on flat ground, no wind, no stops/starts traveling at speed indicated for Max Range. We assume an average of 50W of power contribution from the rider when using pedal assist. Battery operating between 40 and 60

² Based on experience and calculations. Conditions include load limited to 175 lbs., hard surface, speed of 3 mph and slope distance of 50 ft. Actual maximum climbing grade may differ. For estimation purposes, reduce maximum grade by 3.5% for every additional 25 lbs. load.

³ Based on experience and calculations. Throttle-only speed for 175 lb. load, on flat dirt road, with no wind. Actual top speed may differ.

⁴ At full charge of 58.8V, 33A input at 121 rpm output

⁵ At minimal gear ratio for model 1:1

⁶ At minimal gear ratio for model 1:1.4

⁷ At minimal gear ratio for model 1:1.67

⁸ Includes both bags, spare parts and accessories

⁹ Not available with Class 1 configuration/programming

¹⁰ All batteries tested prior to shipment - actual capacity may vary +/- 2%

All specifications and features subject to change without notice