



## Rungu Detailed Specs - 2025

### Dualie Double Wheel E-bike Models

Category	Feature/spec	Standard	Steep	Rugged
Dimensions	Projected length (w/o cargo rack)	85 in. (2134 mm)		
	Handle bar width (effective)	32.7 in. (830 mm)		
	Unit weight (with batteries and accessories)	88 lbs. (40 kg)	91 lbs. (41.2 kg)	102 lbs. (46.3 kg) <sup>8</sup>
	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)			



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Category	Feature/spec	Standard	Steep	Rugged
	Ground clearance	10 in. (254 mm)		9 in. (229 mm)
	Breakover angle	40°		36°
	Wheel base	54.7 in. (1390 mm)		



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Performance	Absolute Maximum range on flat pavement with pedal-assist at 10 mph and no wind <sup>1</sup>	123 mi (199 km)	120 mi (192 km)	135 mi (217 km)
	Estimated off road range with pedal-assist at 10 mph avg speed <sup>1</sup>	21 mi (34 km)	21 mi (34 km)	24 mi (38 km)
	Max range off road - throttle-only avg 10 mph <sup>1</sup>	19 mi (30 km)	18 mi (29 km)	21 mi (34 km)
	Max climbing grade seated <sup>2</sup>	49%	47%	53%
	Top speed - off-road <sup>3</sup>	24 mph (38 kph)	24 mph (38 kph)	24 mph (38 kph)
	Max power output at Motor(W) <sup>4</sup>	1429		
	Max power output at Motor(Hp) <sup>4</sup>	1.9		
	Rotational speed at max power out (RPM)	121		
	Max torque output at Motor(Nm)	197		
	Max torque output at Motor(ft lbs)	145		
	Max torque at wheel (Nm)	276 <sup>6</sup>		328 <sup>7</sup>
	Max torque at wheel (ft lbs)	204 <sup>6</sup>		242 <sup>7</sup>
	Max weight supported (rider and cargo)	350 lbs. (159 kg)	347 lbs. (157 kg)	338 lbs. (153 kg)
	Max towing weight - hitch on rack	N/A	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)	



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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 (0.5 mm) or directed water from any angle (limited ingress permitted with no harmful effects))		
	Rungu Integrated 52V 16 Ah <sup>10</sup> (830 Wh) LiNMC locking battery with integrated charging port and USB output	Standard	N/A	
	Rungu Integrated 52V 19.2Ah <sup>10</sup> (1000 Wh) LiNMC locking battery with integrated charging port and USB output	Optional Upgrade	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		
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%		



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Transmission	Alloy 36T chainring	N/A		
	High strength alloy 30T chainring	Standard		
	275mm alloy two-piece crankset with sealed bottom bracket	N/A		
	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
	Box 2 Prime 9 X-Wide Rear Derailleur with clutch mechanism	Optional Upgrade		Standard
	Steel large cog cassette, 9s: 12-14-16-18-22-28-34-42-50T	Optional Upgrade		Standard
	Steel large cog cassette, 9s: 11-13-15-18-21-24-28-34-42T	Standard		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		



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Wheels and Tires	Front wheels 26" alloy rims designed for fat tires with stainless steel spokes and sealed-bearing alloy hubs	Standard		
	Tires: Maxxis Minion 4.8" x 26", presta valve inner tube	Standard		
	Tannus Armour Rear Tire Liner	Optional Upgrade		Standard
	Front tires - dual Tannus Armour Liners	Optional Upgrade		Standard
Controls	9 Speed sealed-bearing trigger shifter	Standard		
	Integrated 9 speed gear indicator	N/A	Standard	N/A
	Thumb throttle	Standard <sup>9</sup>		
	Gearsensor.com electronic clutch	Standard		
	Color multifunction dashboard with speedometer, fuel gauge and power meter	Standard		
	Dual hydraulic front disc E-brakes with parking brake and 203 mm rotors	Standard		N/A
	Dual quad-piston hydraulic front disc E-brakes with parking brake and 203 mm rotors	N/A		Standard
	Hydraulic Quad Piston rear disc brake and 203 mm rotor	Standard		
	Electronic Brake Sensor - disables motor during braking	Standard		



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		Standard	Steep	Rugged
Steering	Patented dual-handlebar steering assembly	Standard		
	Sealed-bearing alloy headsets	Standard		
Comfort	Off-road grips	Standard		N/A
	ODI off-road grips	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		
	Extra comfort Velo® Plush Gel 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		
	Cirrus Cycles Kinekt LR or XR Seatpost	Optional Upgrade (include weight of rider + 25 lbs. at time of order for configuration)		



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Accessories	Rungu 6W 420 lumen integrated headlight	Standard		
	Rechargeable/removable taillight with brake-sensing technology	Optional Upgrade		
	Gearshield - Protects derailleur from sticks and weeds	Optional		Standard
	Deer Cart - attaches to rear of frame	Optional Upgrade		
	Cargo Trailer- attaches to rear of frame	Optional Upgrade		
	Heavy Duty Kickstand	Optional Upgrade		
	Extended Length Aluminum front mud guards with Mud Diverters	Optional Upgrade	Standard	
	Seatpost-mounted rear mud flap	Optional Upgrade	N/A	
	Chainring mounted chainguard	Standard		
	Rungu Cargo Rack	Optional Upgrade	Standard	
	Front Cargo Rack	Optional Upgrade		
	Hex wrenches - set of 10	Standard		
	Programmable tire inflator	N/A		Standard
	Presta valve converters (3x) + spare master links	Standard		
	Skid plate/bash guard	Optional Upgrade		Standard
	spare chain, spare tube, chain tool	Optional Upgrade		Standard
	Under saddle bag for tools	Optional Upgrade	N/A	
	Smart Phone Mount	Optional Upgrade		
	First aid kit, Dual saddle bags for Rungu Cargo Rack with Pannier Mount	N/A		Standard



## Rungu Detailed Specs - 2025

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Warranty	Limited Warranty - mechanical and electrical	2 years		

<sup>1</sup> 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

<sup>2</sup> 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

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

<sup>4</sup> At full charge of 58.8V, 33A input at 121 rpm output

<sup>5</sup> At minimal gear ratio for model 1:1

<sup>6</sup> At minimal gear ratio for model 1:1.4

<sup>7</sup> At minimal gear ratio for model 1:1.67

<sup>8</sup> Includes both bags, spare parts and accessories

<sup>9</sup> Not available with Class 1 configuration/programming

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

All specifications and features subject to change without notice