

2025

ELEKTRODE® 20FS



POWER		Seat Post Size	27.2mm
Motor Type	Air-cooled, brushless, in-wheel	DETAILS	
Power Modes	3 modes (High / Mid / Low)	Rake & Trail	25 deg / 2.95 in (75mm)
Max Speed by Mode - H / M / L	24 mph / 24 mph / 13 mph	Overall Length	59.2 in (1,504mm)
Battery Type	Lithium-ion (in-frame)	Overall Width	28.2 in (716mm)
Battery Voltage/ Capacity	50.4 V 10.2 Ah (514.1 Wh)	Overall Height	38.9 in (989mm)
Battery Charge Time	4 hours (approx)*	Ground Clearance	6.7 in (171mm)
Drive System	Direct hub motor	Seat Height	23.3-29.6 in (593-751mm)
Battery Rated Output	750 W	Wheelbase	38.97 in (990mm)
Battery Running Time	Low: 180 minutes / High: 60 minutes	Curb Weight	46.1 lb (20.9 kg)
Maximum Battery Charge Cycles	500 (after which 80% of original charge capacity)	Color Choices	Flat Metallic Gray
PERFORMANCE		Appropriate Rider's Age	8+
Frame Type	Aluminum	Rider Weight (max)	176 lb (80 kg)
Front Suspension/ Wheel Travel	Steel fork / rigid	Footrest	Yes (rotating pedal, foldable)
Rear Suspension/ Wheel Travel	Rigid	Charging power source	110-V AC (Home)
Front Tire	20 x 1.95	Charging connector	Front of bike
Rear Tire	20 x 1.95	Number plate	STD, BMX-Style
Front Brakes	160mm mechanical disc	WARRANTY	
Rear Brakes	160mm mechanical disc	Frame and Fork	TBA
Handlebar Clamp Size	22.2mm	Non-Electrical Components	TBA
Steering Stem Size	28.6mm	Electric System Components	TBA
		Normal Wear and Tear Items	TBA



*Running time varies based on battery age, charge and the number of charge cycles it has had, rider weight, speed and riding conditions. KAWASAKI CARES: Read Owner's Manual and all on-product warnings. Always wear a helmet, eye protection and proper apparel. Never ride under the influence of drugs or alcohol. Adhere to the maintenance schedule in your Owner's Manual. ©2025 Kawasaki Motors Corp., U.S.A. Specifications subject to change. Visit hawaii.kawasaki.com for full product details.