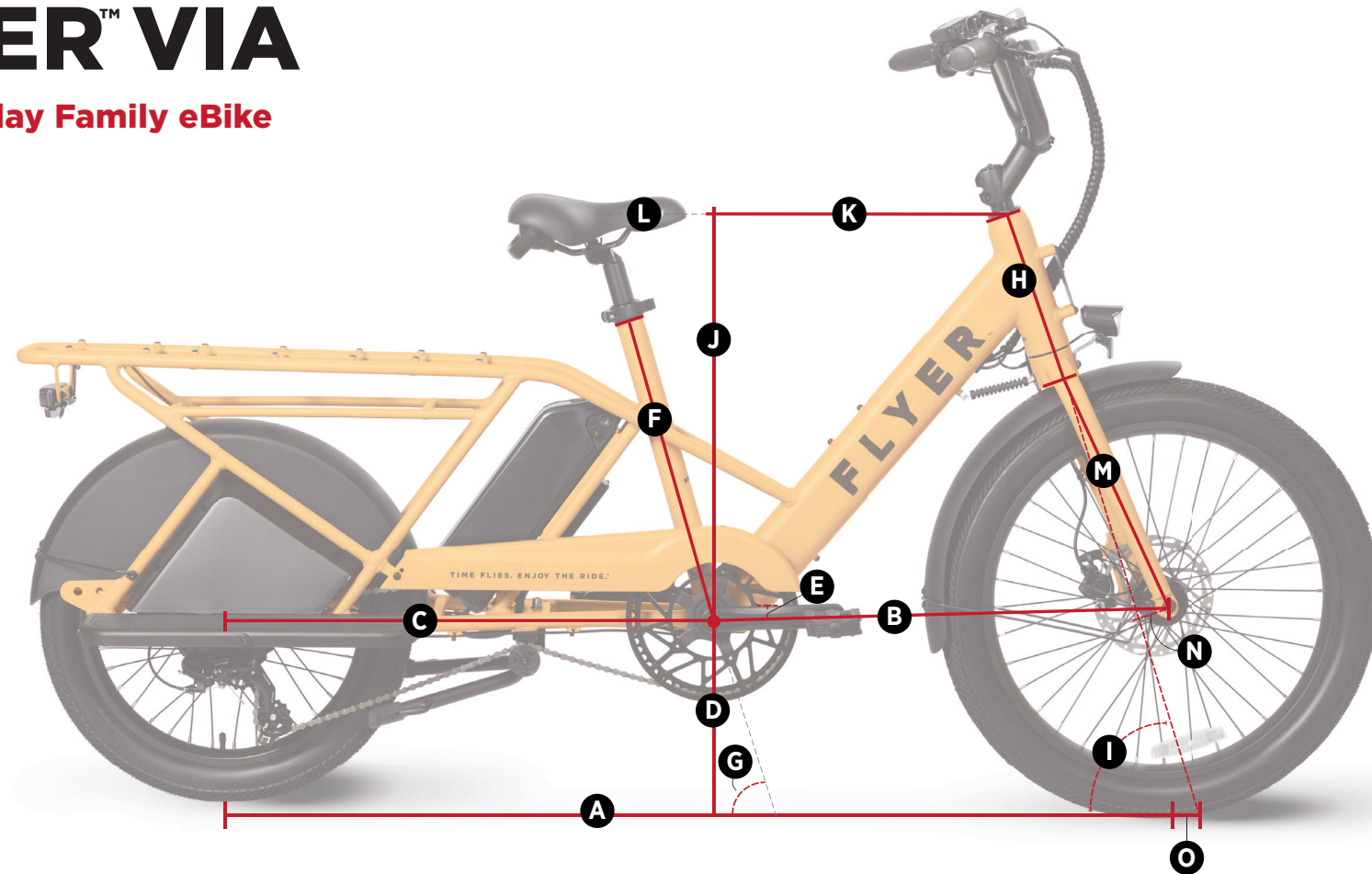


# FLYER™ VIA

The Everyday Family eBike



**FLYER™**  
BY RADIO FLYER

## Bike Geometry

		SMALL	MEDIUM	LARGE
<b>A</b>	Wheel Base	1298mm	1332mm	1368mm
<b>B</b>	Front Center	605mm	640mm	675mm
<b>C</b>	Rear Center/Chain Stay Length	694mm	694mm	694mm
<b>D</b>	Bottom Bracket Height	285mm	285mm	285mm
<b>E</b>	Bottom Bracket Drop (From Front Wheel)	40mm	40mm	40mm
<b>F</b>	Seat Tube Length	380mm	450mm	505mm
<b>G</b>	Seat Tube Angle	73°	73°	73°
<b>H</b>	Head Tube Length	180mm	205mm	220mm
<b>I</b>	Head tube Angle	71°	71°	71°
<b>J</b>	Frame Stack	559mm	577mm	630mm
<b>K</b>	Frame Reach	379mm	407mm	454mm
<b>L</b>	Effective Top Tube Length	550mm	583mm	646mm
<b>M</b>	Fork Length - Axle To Crown	386mm	386mm	386mm
<b>N</b>	Fork Rake/Offset	42mm	42mm	42mm
<b>O</b>	Trail	62mm	62mm	62mm

## PRODUCT SPECIFICATIONS

### Frame/Fork

Frame	6061 Aluminum Frame, Rear 160mm Post Mount Brake Tab
Fork	Cro-Mo Steel Fork, Tapered Steerer 1-1/2" to 1-1/8", 386mm Axle-to-Crown Length, 42mm Rake, Post Mount 160mm Disc Tab

### Cockpit Components

Handle Bar	710mm Wide, 31.8mm Clamp, 125mm Rise, 15° Back Sweep
Grips	Radio Flyer Rubber/Aluminum Clamp On
Stem	90mm Length, 45° Fixed Angle, 31.8mm clamp
Seat Post	31.6mm Diameter, 350mm length, 20mm offset
Saddle	Selle Royal Freeway Gel -186mm Width
Headset	44mm - Zero Stack, Tapered 1-1/2" to 1-1/8" - Sealed Bearing

### Brakes

Lever	TektroHD-E350 Hydraulic Lever with Power Cut-Off Sensor
Caliper	Tektro HD-e350 Hydraulic Caliper with Green Organic Pads
Rotor	Tektro 180mm

### Wheels

Rims	Alloy Double Wall (36H Front) (36H Rear)
Hub	Front 15mm Thru Axle, / Rear 12mm Axle 18mm Nut, Sealed Bearing, Hub Motor
Tire	Front 24" x 2.4" - Rear 20" x 2.4" - Kenda Puncture Resistant

### Drive Train

Motor System	500W Brushless Hub Motor, 53 N•m
Battery Pack	48V 15Ah (687Wh) UL Tested Lithium-Ion Samsung 50E 21700 Cells
Shift Lever	Shimano SL-TX50-7R shifter
Rear Derailleur	Shimano TY300 7-speed derailleur
Crank Arm	165mm Forged Alloy
Chain Ring	56T / Single Sided Chainguard
Cassette	14-28T Shimano Freewheel
Chain	KMC Z7 Speed
Pedal	Welgo Plastic Platform - Integrated reflectors, CR-Moly axle, 9/16" x 20 TPI threads

### Extras

Head Light	LED
Taillight	LED with Integrated Brake Light and Turn Signal Functions
Fender	Front Fender and Rear Fender with Side Covers Included
Kickstand	Rigid, 2 Leg Center Stand

## Bike Overall Dimensions

	SMALL	MEDIUM	LARGE
Bike Total Length	75	75	77
Bike Width (Handle Bar Width)	29.5"	29.5"	29.5"
Bike Height	41.5"	43"	45"
Rear Rack Height	25.5"	25.5"	25.5"
Rear Rack Length	28.5"	28.5"	28.5"
Rear Rack Cargo Capacity	150lbs	150lbs	150lbs
Payload Capacity (Rider + Cargo + Accessories)	400lbs	400lbs	400lbs
Bike Weight without AC814 Kid & Cargo Hoop	69lbs	70lbs	70lbs
Bike Weight with AC814 Kid & Cargo Hoop	80lbs	81lbs	81lbs

## Rider Fit

	SMALL	MEDIUM	LARGE
Saddle Height from Ground (Top of hip should be in range)	28.5" - 37"	32" - 40.5"	34.5-43"
Standover Height (Should be able to step over)	18"	18.5"	19"
Handlebar Height from Ground	40.5" - 41.5"	42-43"	44-45"
Max Rider Weight	220lbs	220lbs	220lbs
Recommended Minimum Rider Height	4' 10"	5'3"	5'10"
Recommended Maximum Rider Height	5'10"	6'3"	6'10"