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Ask an Owner



# Velotric Thunder 1



Shop with an Expert

# Thunder 1

A smart e-bike engineered to shift perspectives.



M

L

Rider Heights  
5'6" - 6'0"

Rider Heights  
5'10" - 6'5"



**36lbs**  
Weight



**Torque Sensor**  
PAS Sensor



**20 Mph (25 Mph)**  
Top Speed (Unlocked)



**Up to 70 Mi**  
Max Range



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# Zero Wire. Less E, More Bike.

Clean. Sleek. Integrated battery. Zero external wires. Plenty of power packed inside -- but outside Thunder 1 looks just like a regular bike.



# Ultralight. Designed for Urban and Beyond.

At just 36 lbs (16 kg), Thunder 1 is the perfect grab-and-go choice for a smooth, nimble ride in the city or beyond.



# Velopower E35+. Smart, smooth, sweet.



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designed to give you a smooth, quiet ride and packed with **smart features** to make Thunder 1 go farther than ever.

Go up to **70 miles** with our **36V 352.8Wh battery**.



## Ride with Peace of Mind

Equipped with our Smart+ Hub and GPS tracking, it's easy to find Thunder 1 via the Velotric app, whether that's after a long day or in the unfortunate case someone steals your bike.

Our ambient light sensing headlight will also turn on when it gets dark. Smart and safe, just how we like it.



GPS Tracking



Anti-Theft



Light Sensing Headlight



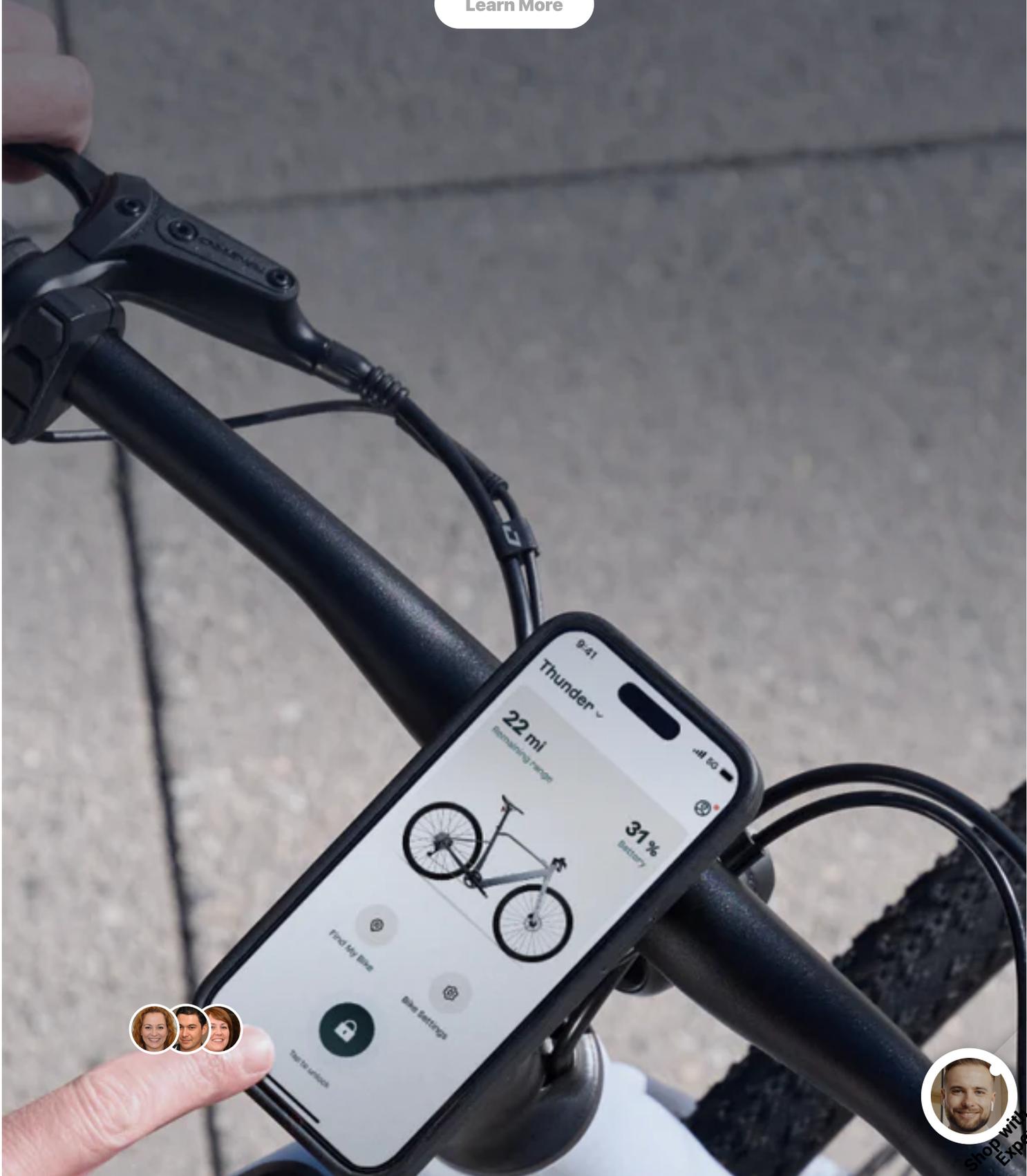
Crash Detection (Coming Soon)



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Thunder 1 is better with the Velotric app. Packed with plenty of features like Anti-Theft Alert, Keyless Unlock, Ride Customization and much more. Best thing? Your Thunder 1 gets better with every update.

[Learn More](#)



Phone Mount

Kickstand

## - Technical Specifications

### FRAMESET

- Frame** 6061 Triple-Butted Aluminum Alloy Frame, Integrated Cable Routing, Internal Battery, Flat Mount Disc, Rack and Fenders Compatible
- Fork** 6061 Aluminum Alloy, Internal Brake Routing, 12x100mm Thru-axle, 1-1/4" to 1-1/8" Tapered Steerer, Fenders Compatible

### ELECTRONICS

- Motor Hub** 350W, Peak 600W, 45Nm
- Battery** 36V, 9.8Ah, 352.8Wh
- Cell** Samsung 21700
- Charger** 36V, 2.0A, Operates on 100V-240V AC, 50-60Hz
- Charging Time** 0-80% 4 Hours, 0-100% 6 Hours
- Sensor** 2-Side Torque sensor
- Control Panel** Fingerprint Unlock  
Automatic Rider Recognition  
Battery Indicator  
PAS Indicator  
Auto Headlight  
Auto Brightness Control
- Security** Theft Alert, GPS-Tracking, Fingerprint and Bluetooth Unlock
- Headlight** Light Sensing, 6v/3w/45Lux High-Output Integrated LED, Adjustable Angle
- Pedal Assist**  Tour, Normal, Sport and Turbo
- Walk Mode** 2.9 MPH
- Water Resistant** IPX6

### SPEED & RANGE

- Max Speed** 20 MPH, Class 1
- Max Speed (Unlock)** 25 MPH
- Max Range** Up to 70 miles
- Chainrings** PROWHEEL Pro Aluminum Alloy, 40T Narrow Wide Chainring
- Crankset** Aluminum Alloy, 170mm
- Cassette** SHIMANO 8 Speeds, 11-32T
- Rear Derailleur** SHIMANO M310-8
- Shift Lever** SHIMANO M315-8
- Chain** KMC Z8.3

### BRAKE

- Brake** TEKTRO HD-R280 Hydraulic Disc Brake
- Rotors** 160mm Front and Rear
- Brake Levers** TEKTRO HD-R280 Aluminum Alloy, with adjustable reach

### WHEEL

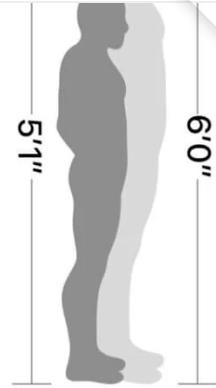
- Rims** 700c Disc, Double-Wall Aluminum Alloy, Pinned (F) 24 Hole / (R) 28 Hole
- Front Hub** NOVATEC Aluminum Alloy J-Hook Disc Hub, 12x100mm Thru-Axle
- Tire** 700x38c Ebike Puncture Resistant Tires

### COCKPIT

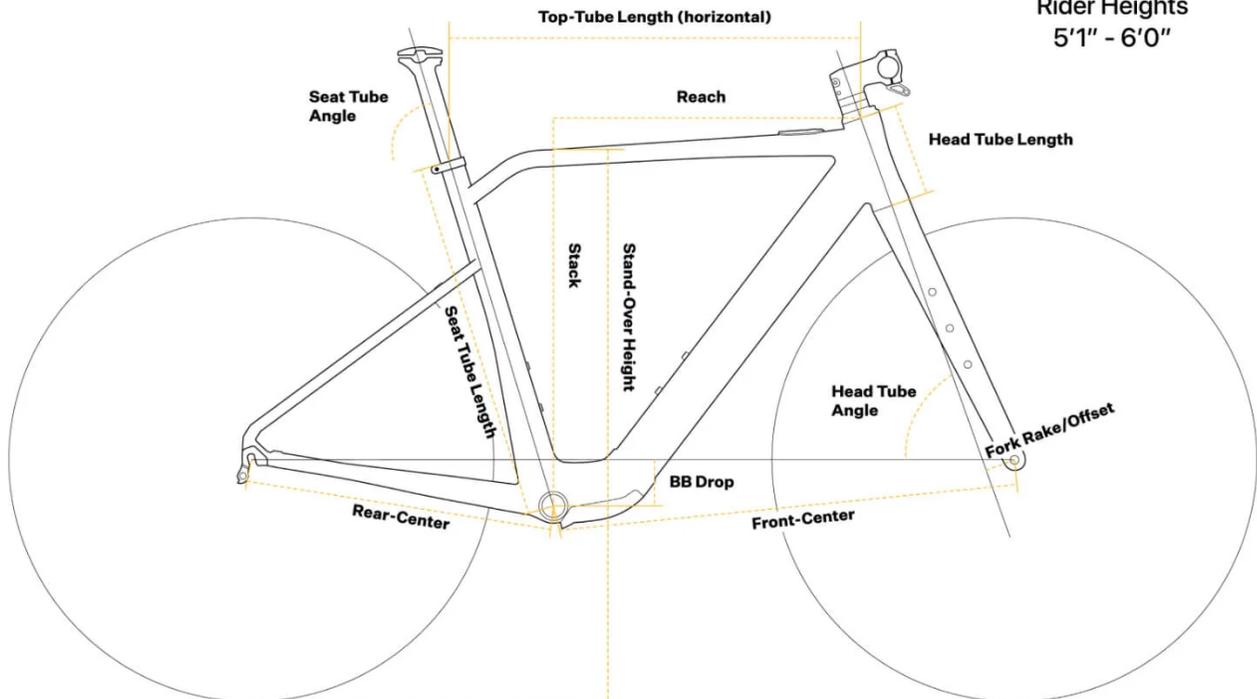
- Handlebars** 6061 Aluminum Alloy, Ø31.8mm, 680mm



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Rider Heights  
5'1" - 6'0"



	Size M	Size L
Seat Tube Length	480mm	525mm
Seat Tube Angle	73°	73°
Min Saddle Height	810mm	855mm
Max Saddle Height	982mm	1025mm
Head Tube Length	115mm	135mm
Head Tube Angle	71°	71°
Stack	546mm	565mm
Reach	438mm	447mm
Stand-Over Height	757mm	805mm
Top-Tube Length (Horizontal)	600mm	615mm
BB Drop	70mm	70mm



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