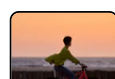
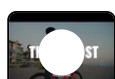




Home > Velotric Thunder 1 ST Ebike



Ask an Owner



# Velotric Thunder 1 ST



Shop with an Expert

# Thunder 1 ST

E-Bike with a Little Extra. Built for Fun.



S

M

Rider Heights  
5'1" - 5'8"

Rider Heights  
5'5" - 6'0"



**36lbs**  
Weight



**Torque Sensor**  
PAS Sensor



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



**Up to 52 Mi**  
Max Range



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Expert

# Zero Wire. Less E, More Bike.

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



# Ultralight. Designed for Urban and Beyond.

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

# Velopower E35. Smooth and Silent.

Thunder 1 ST is powered by Velopower E35, our newest proprietary drive system equipped



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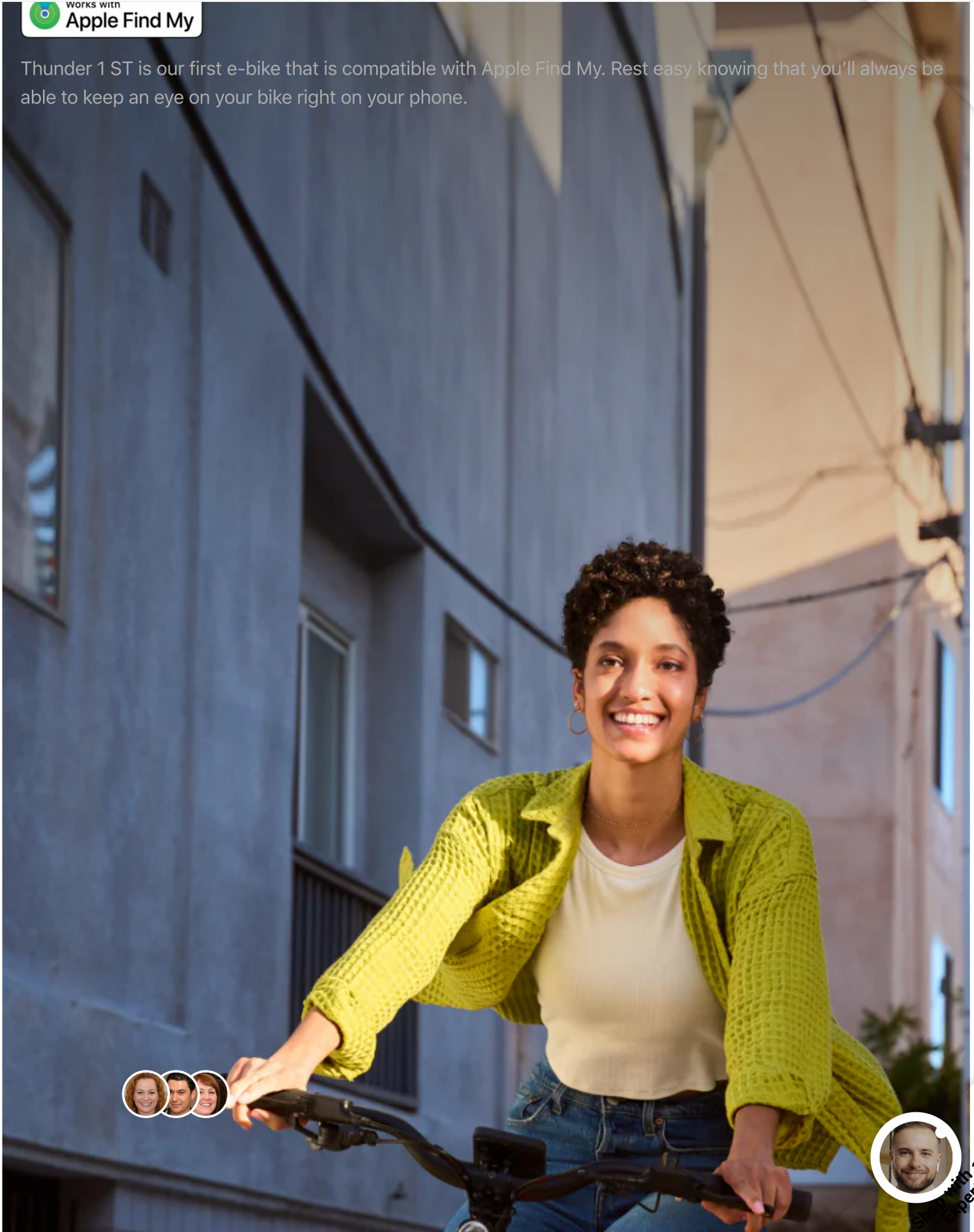
Go up to 62 miles with our eBike  
352.8Wh battery.



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Thunder 1 ST is our first e-bike that is compatible with Apple Find My. Rest easy knowing that you'll always be able to keep an eye on your bike right on your phone.



Works with an  
Apple



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** Torque Sensor
- Control Panel** Battery Indicator  
PAS Indicator  
Auto Headlight  
Auto Brightness Control
- Security** Apple® Find My™
- Headlight** Light Sensing, 6V/3W/45Lux High-Output Integrated LED, Adjustable Angle
- Pedal Assist**  Tour, Normal, Sport and Turbo pedal assist
- 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 52 miles
- Chainrings** PROWHEEL Pro Aluminum Alloy, 42T Narrow Wide Chainring
- Crankset** Aluminum Alloy, 165mm
- 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

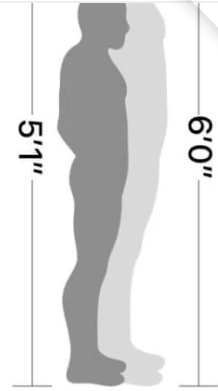
### WHEEL

- 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** 700x40c Ebike Puncture Resistant Tire

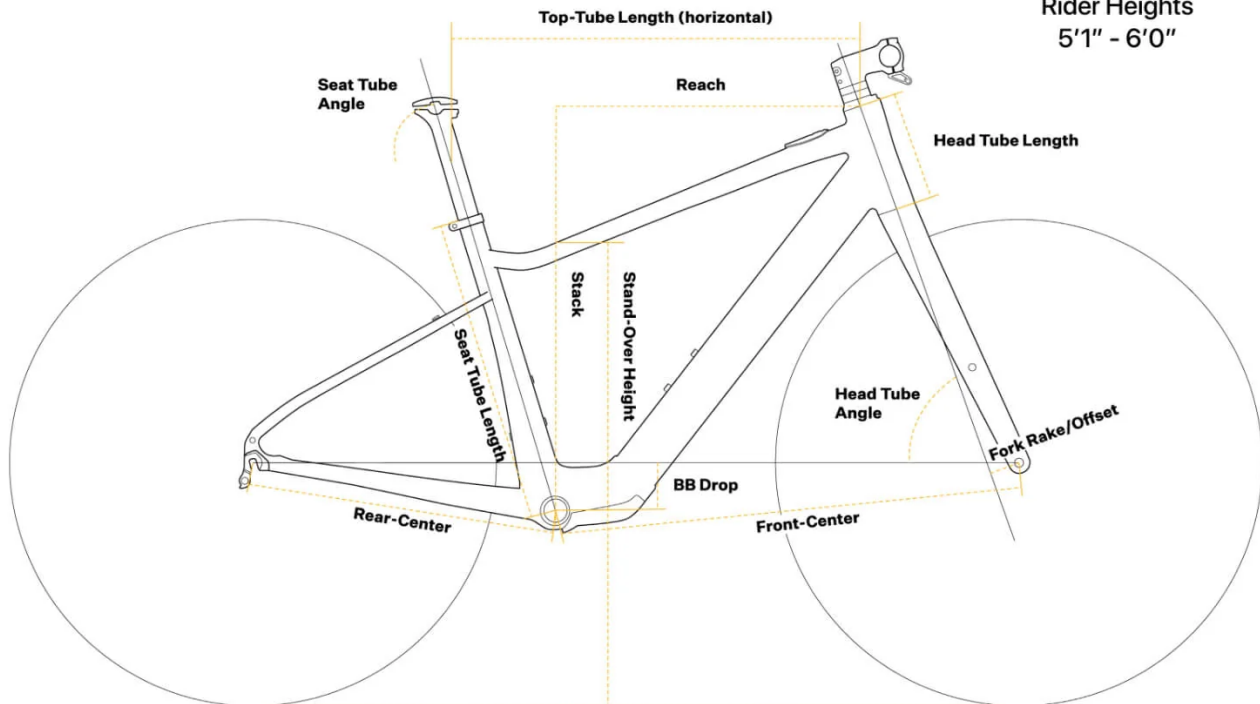
### COCKPIT



Shop with an Expert



Rider Heights  
5'11" - 6'0"



	Size S	Size M
Seat Tube Length	425mm	455mm
Seat Tube Angle	73°	73°
Min Saddle Height	770mm	780mm
Max Saddle Height	930mm	950mm
Head Tube Length	135mm	155mm
Head Tube Angle	71°	71°
Stack	566mm	586mm
Reach	432mm	448mm
Stand-Over Height	678mm	687mm
Top-Tube Length (Horizontal)	600mm	622mm
BB Drop	70mm	70mm



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