

ELEVATE PRODUCT SPECIFICATIONS AND ELEVATE ROADMAP

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Author	Description	Date	Revision
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Elevate Nominal System Specs as the product Ships Now:

- Continuous Torque: 50 Nm (180mm rotor) 60 Nm (203mm rotor)
 - Up to 100 Nm burst torque
- 750 Watts of power at the wheel
- Top speed: 20mph
- Classification: Class 2 -- 20 mph with throttle
- Mobile App: Coming soon, in development
- Pedal assist: Coming soon, in development
- Other speed limits, such as 25kph for EU: easily configurable in software
- Product weight:
 - Drive unit: 1.45 kg
 - Battery: 1.6kg
 - Gear / Brake Rotor: adds about 100-200 grams to your rotor weight.
- Typical range per charge:
 - 1600 to 3500 feet of climbing
 - 10 to 15 miles typical range
 - 1 to 1.5 hours of trail riding

Battery Offerings:

- "Minicube" off-the-shelf battery at Launch. 340 Wh, 52V
- Bimotal-designed side-load battery in 2024. 340Wh
- Minimalist 250Wh bottle battery (date TBD, but we'd like to include this option)
- Long range 500Wh pack (date TBD, but if there's demand we'd like to offer this option). We recommend riders use 2 batteries with a spare in their camelbak for now if they'd like more than 340Wh.

Anticipated Elevate Roadmap:

1. 2023: Ship MVP (minimum viable product) with off-the-shelf battery, Bimotal drive unit, and throttle to get initial market feedback and reaction.
2. Late 2023 mobile app beta release
3. 2024 First Half: Release Bimotal-designed battery pack which will be side-loading, and designed to match the drive unit aesthetic. Battery pack will be 52V (14 cells in series), ~340Wh
4. 2024 Second Half: Release pedal-assist option for Class 1 ebike
5. 2025 or sooner: release additional battery variants
6. 2025: develop higher-speed variant, to create Class 3 offering
 - a. Drive down cost and increase scale
 - b. Address commuter and internal brake compatibility with adapter brackets or redesigned GENII product