

# Lime Gen4 E-Scooter



We deploy more than 200,000 shared electric vehicles worldwide daily, including 189,000 e-scooters in 230+ cities and over 20,000 of our award-winning e-bikes in nearly 50 cities.

Lime's 150+ person in-house engineering team designed our Gen4 vehicles from the ground up, incorporating data from our 300 million rides and feedback from our riders, operations teams and the cities we serve. The Gen4 e-scooter is designed for comfort, reliability, and sustainability and sets a new standard for the industry.

The most sustainable Lime scooter yet

## Lime Gen4

### Dual Handbrake

Comparable to bike handlebars, the dual braking system is more intuitive and gives riders greater control of the vehicle.

### Best-in-Class Firmware

Lime's proprietary industry-leading firmware includes immediate geo-fencing response, with self-diagnosing and sidewalk-riding detection capabilities

### Swappable Battery

A new battery that can be swapped in the field between our e-bike and scooter fleet will allow for more sustainable operations in dense urban environments.

### High-Visibility Reflectors

Reflectors on the baseboard, stem, CCU unit, rear fender and logos make this the most visible shared scooter on the road at night

### Lower Deck

Provides a lower center of gravity for a sturdier ride, while making it easier to step on and off.

### Double Kickstand

Increased vehicle stability when parked makes it less likely a scooter will fall over, leading to less clutter on sidewalks

### Tap-and-ride technology

New tap-and-ride capability helps riders get on and go quicker than ever.

### Swept Handlebars

A first for shared scooter models, the swept back handlebars allow riders to keep their elbows by their sides in a more natural position to reduce fatigue and provide a more comfortable ride.

### Stronger Aluminum Frame

With IP67 waterproofing against rain or snow, the Gen4 frame is sturdier and longer-lasting to improve scooter lifetime.

### Most Powerful Motor to Date

New enhancements to the motor will help to power riders up hills, avoiding unnecessary slow-downs.

### Enhanced Suspension

Mountain bike-inspired front suspension can take on everything city streets throw at it. The smoother ride also reduces vibrations that cause fatigue, and extend the vehicle's lifetime.

### Bigger Wheels

Solid honeycomb tires tackle the toughest road conditions, with 20% larger wheels than the Gen3 to improve stability.



**Durable for the elements:** Feedback from cities with wet climates led us to include a wider, textured footboard to provide better rider balance and traction in wet or slippery weather, a strong, weather-resistant aluminum frame, and IP67 waterproofing to better protect our battery.

**Enabling a tidier street:** Every Gen4 e-bike and e-scooter is equipped with a bluetooth LimeLock to securely tether it to bike racks or other permitted infrastructure. The e-scooter's double kickstand and low center of gravity keep it upright while not in use.

**Designed for every environment:** Our Gen4 e-scooter has dual brakes and hand controls for quicker braking response. In our testing, on wet surfaces, the Gen4 e-scooter can stop in half the distance as the next leading competitor. Quick stopping ability protects both the rider and other road users.

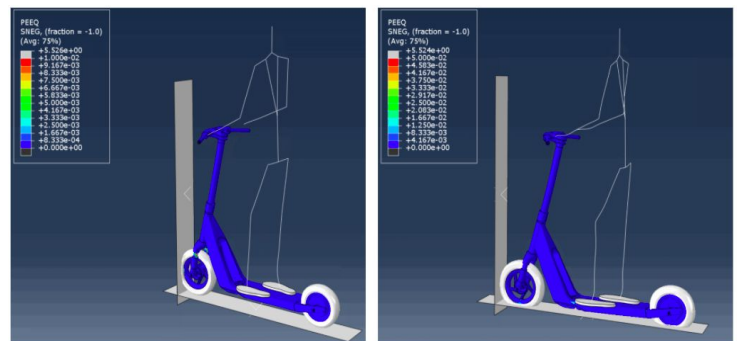
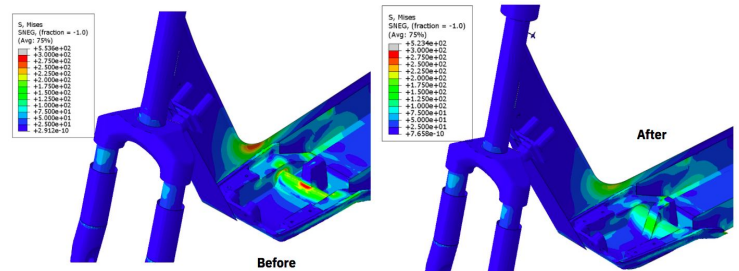
**Intuitive interface:** The Gen4 e-scooter has an LED screen to inform riders of the battery level and geofenced zones. Our user interface is designed to be understood universally, regardless of language.



Lime safety engineers lead the development of industry safety standards to ensure all e-scooters—from any vendor—are safe, in partnership with respected standard-setting bodies like ASTM, Underwriters Laboratory, International Electrotechnical Commission, and SAE International.



Lime's vehicles are designed to be modular, with every piece able to be removed and replaced. Only when vehicles experience damage such as extensive vandalism which compromises the frame are they considered beyond repair. In those cases, our Operations Team disassembles the vehicle to separate aluminum, plastic and electronic component parts for repair and reuse on other vehicles. Parts unsuitable for repair are then recycled.



Rider stress testing to ensure durability and performance (above). Design improvements have reduced stress levels up to 50%.

## Real-time vehicle control

Every Lime vehicle is equipped with global positioning system (GPS) technology that tracks the vehicle's position, as well as on-board zone mapping to control ride behavior. As a result of investments in our hardware and software, Lime now offers the industry's most accurate and responsive geofencing capabilities, allowing vehicles to implement geofence zone commands up to 90% faster and 30% more accurately than in 2020.



### No Parking Zone

Riders are unable to end their ride in a no parking zone.



### Slow Zone

Speed is capped at a lower speed than the background speed.



### Designated Parking Zone

Parking locations are geofenced and visible in the app.



### Service Zone

The area where Lime is permitted to operate within a market.



### No Ride Zone

Riders are not permitted to ride here. Vehicles are safely slowed to a stop.