



STRUTT | ev¹

Your Smart
Everyday Vehicle



Scan to join the Strutt
drivers club community
on Facebook.



Innovation in motion.

We believe that technology should solve real problems for real people, not in the future but now. That's why we started Strutt.

We're on a mission to free up time and energy for our users, by making the smartest, safest and most enjoyable mobility products in the world.

STRUTT . INC



reddot winner 2025
luminary



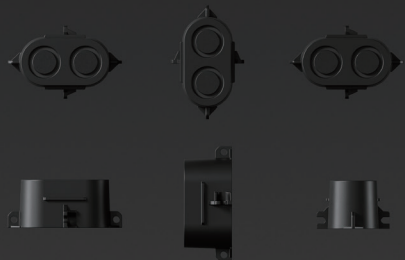
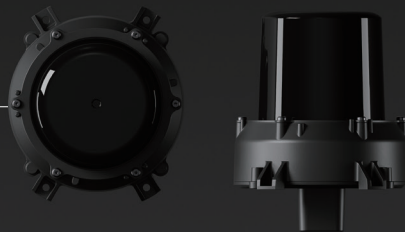
STRUTT | ev¹

Expand your everyday.

The ev¹ combines our advanced evSense technology with a powerful Quad-Drive System to enhance daily life, improving safety and comfort like never before. Whether navigating a crowded store or uneven paths, the ev¹ makes every journey more enjoyable.



■ LiDAR×2



■ ULTRASONIC SENSORS ×6



■ ToF ×10



■ LiDAR



■ ToF



■ CAMERA



■ ULTRASONIC SENSORS

EVSENSE

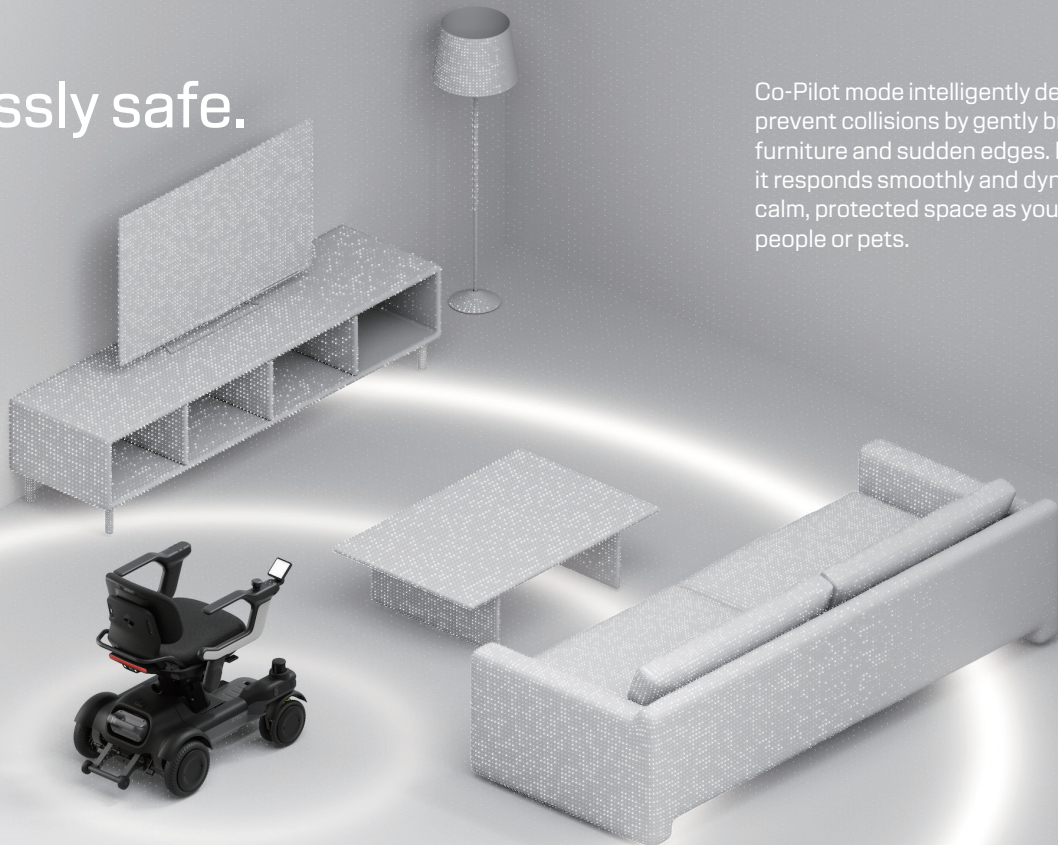
Intelligent sensors support every move.

evSense utilizes an array of advanced sensors that allow the ev' to see and dynamically respond to your surroundings. Stay sharp with the help of 360° vision, advanced algorithms and AI-powered features.

CO-PILOT

Effortlessly safe.

Co-Pilot mode intelligently detects obstacles to prevent collisions by gently braking in front of furniture and sudden edges. In crowded spaces it responds smoothly and dynamically, creating a calm, protected space as you navigate around people or pets.



CO-PILOT +

Immerse yourself in the moment.

Co-Pilot + mode adds another level of ease to your movement. Not only braking to prevent collisions, but also seamlessly adjusting your steering through narrow corridors and elevators. So you can stay in the moment while the ev¹ handles the rest.



AUTO-PILOT

Turning complexity into automated ease.

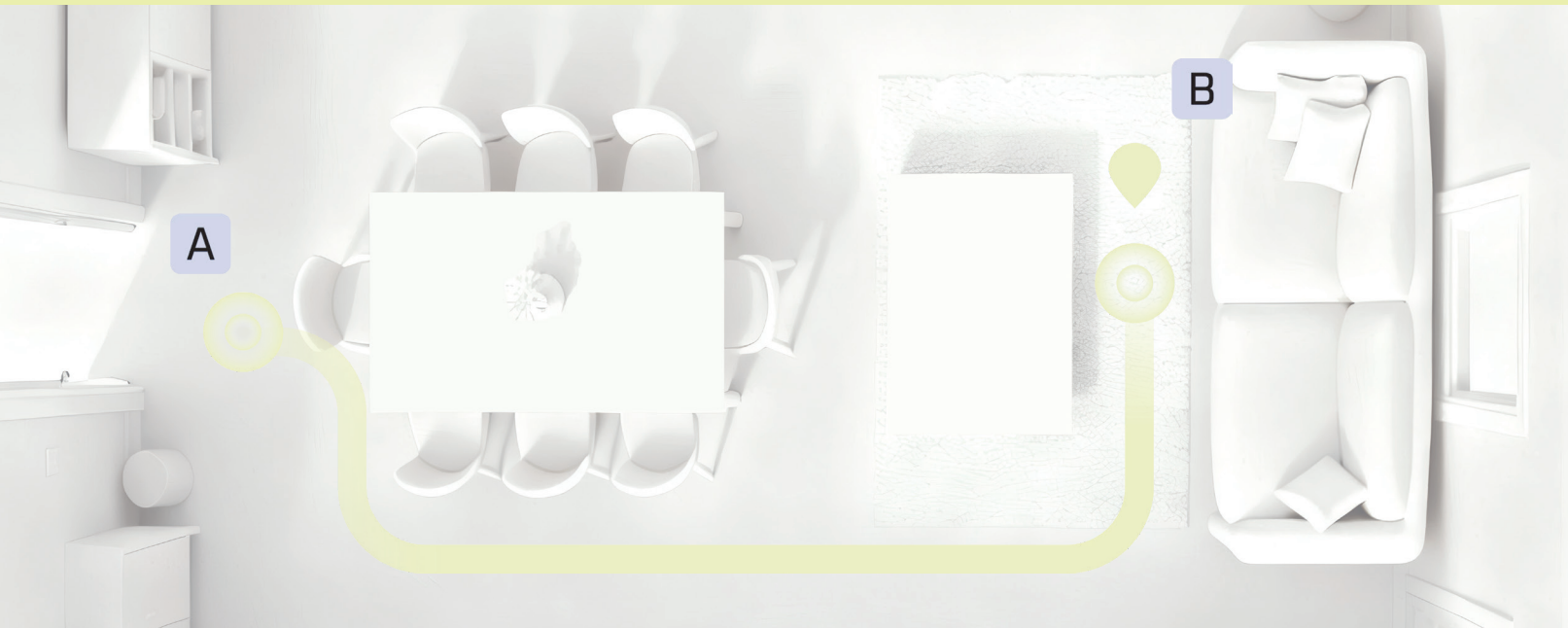
When you want to relax for a moment, switch to Auto-Pilot and let the ev¹ rise to the challenge. It can handle the journey to your destination, to make every day easier for you.



AUTO-PILOT

Pathfinder

Navigate narrow spaces with ease. Just tap the screen to choose your destination. Pathfinder automatically takes you smoothly through tight or challenging spaces while you sit back and relax.



AUTO-PILOT

Waypoints

Waypoints mode feels like the future. Save key places in your home as destinations with the ev¹. Just say, “take me to the fridge” or tap a saved spot, and the ev¹ will bring you there automatically.



INTUITIVE TOUCHSCREEN

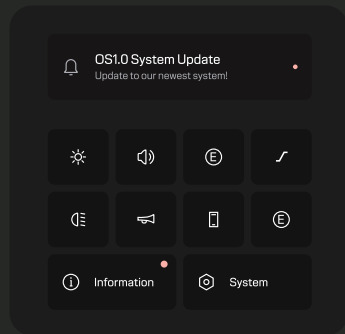
Access every feature with ease.

The touch-responsive screen displays a real-time 3D map of your surroundings when you need it. Check vehicle status at a glance, adjust key functions with a tap, and view the rear camera for precise, confident reversing in tight spaces.



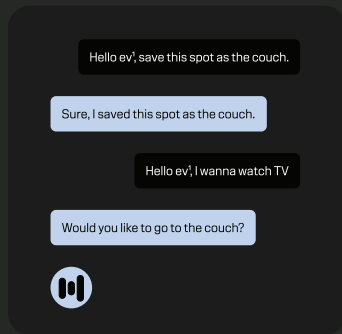
OVER THE AIR UPDATES

Evolving with you.



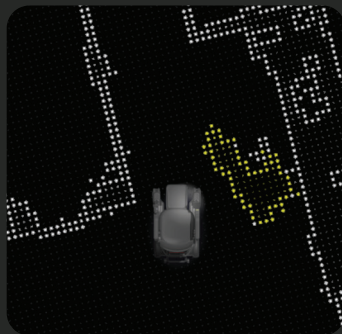
Software Upgrades

The Strutt ev¹ receives continuous over-the-air software updates, ensuring your driving experience is constantly refined.



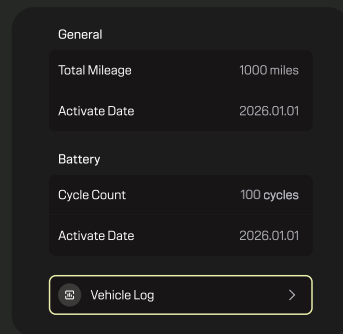
AI Voice Assistant

Use AI Voice Assistant for hands-free navigation. AI assistance responds to simple actions and adjusts key functions for you.



Map Optimization

The ev¹ will continuously improve its internal map thanks to cloud refinement. Share maps with other users to find the best routes.



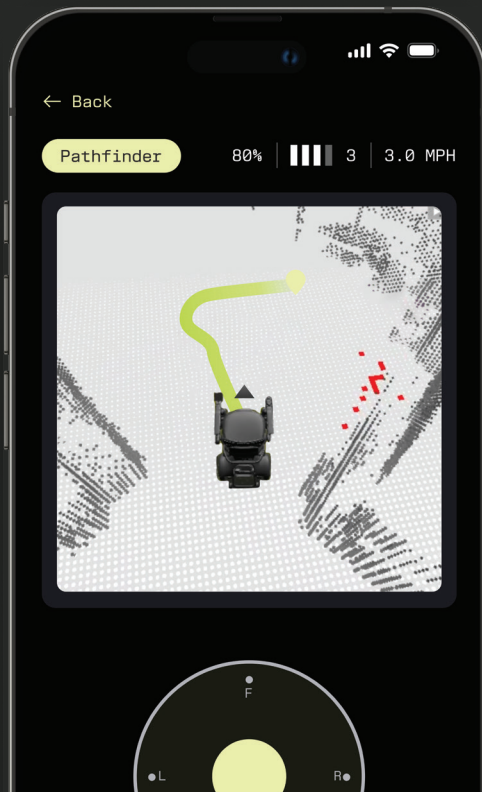
Troubleshooting and Analysis

When you need technical support, you can upload your Vehicle Log so our team can provide a smooth, hassle-free solution.

STRUTT APP

Access and control your ev¹ from your smartphone.

Download the Strutt App to unlock the full experience, including remote control, access to all intelligent features, and the ability to lock and unlock your ev¹.



QUAD-DRIVE SYSTEM

Where effortless motion meets flawless control.

The Quad-Drive System leverages automotive tech like the Electronic Stability Program (ESP) and Anti-Lock Braking System (ABS) to conquer challenging terrain, distributing high torque in real time with Active Steering for enhanced stability and comfort.



Stay steady on almost any slope.



Climb slopes, drive downhill, and maneuver sideways on inclines up to 13 degrees with balance, power and control. Active Steering and torque distribution prevent slip, helping you descend steep ramps safely and smoothly in a straight, controlled line.

Climb curbs and navigate gaps.



When faced with a step or curb, the ev¹ delivers smooth climbing power to lift the front wheels over edges up to 2 inches and across gaps up to 4.7 inches. Turn challenging thresholds and entrances from obstacles into everyday transitions.

Effortless comfort, no matter the pace.



Feel the wind in your hair as you explore at speeds up to 8 mph. The 4-wheel independent suspension cushions bumps and vibrations, keeping the ev¹ comfortable on irregular surfaces, ensuring you experience every ride to the fullest.

Free to roam outdoors.



When exploring natural terrain, the ev¹ remains just as secure. Active Steering combined with powerful rear-wheel drive keeps you confidently moving across grass, gravel, and other off-road surfaces.

ERGONOMIC DESIGN

Comfort engineered for you.



Backrest Angle

3 Levels

Backrest Height

2.9" Range

Weight Capacity

350 lbs

Seat Height

15.7" – 19.7"



Seat Width

17.4" – 20.4"

Armrest Height

8.7" – 10.2"



ERGONOMIC DESIGN

Accessible by design.

Both armrests and footrest fold upwards, simplifying the process of getting in and out, improving overall comfort and ease of use.



ERGONOMIC DESIGN

Modular design for travel.

The ev¹ is designed for convenient transport. It can be separated into five compact modules including the battery, with the heaviest piece weighing 40 lbs.



LFP BATTERY

All day power on a single charge.

DUAL CAPACITY

592^{Wh}

LONG RANGE
UP TO 20 MI

288^{Wh}

AIRPLANE FRIENDLY
UP TO 9 MI

Safe LFP battery with
long-lasting lifespan



Rapid charge in
2 hours from

0-80[%]

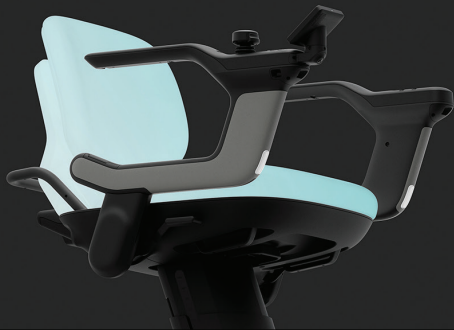
Driving range
up to

20^{MI}

592 WH BATTERY



Swappable Cushion
for personalized
comfort.



Bright Adjustable Headlights



Easy-to-Reach Charging Ports for
the ev¹ and your electric devices.



Obstacle warning with haptic feedback
when Co-Pilot is off.



Supportive Accessories



Rear Storage



Side Storage



Phone & Cup Mount



Seat Storage

MAXIMUM DRIVING RANGE

20^{MI}

TURNING RADIUS

30.7^{IN}

WEIGHT (EXCLUDE BATTERY)

152 lbs

WEIGHT OF HEAVIEST PIECE

41 lbs

MAXIMUM ALTITUDE

6562 ft

MAXIMUM INCLINE

13°

DEVICE DIMENSION

H 34.3–38.7 in



WORKING TEMPERATURE

14–113°F

113°F

32°F

-14°F

GROUND CLEARANCE

3.1 in

OBSTACLE CLEARANCE

2 in

WEIGHT CAPACITY

350 lbs

SEAT HEIGHT

15.7–19.7 in

SEAT WIDTH

17.4–20.4 in

FAQ

**Is the Strutt ev¹ a medical device?
Can it be reimbursed by insurance?**

The Strutt ev¹ is a Smart Everyday Vehicle for anyone who wants a safer, easier, smarter way to move through daily life. It is offered as a consumer product and is not classified or intended to be used as a medical device.

**Do all features require an internet
connection to work?**

Only the AI Voice Assistant requires an internet connection. All other features do not require connectivity at this time.

**Do you have any guarantee or after
sales service?**

Yes. For any aftersales-related questions, please contact us at service@strutt.inc

* Parameters subject to change due to design or engineering iteration.

