

P Electric Vehicle Platform







EV DESIGN FREEDOM

POWERED BY REE

ABOUT RE

REE Automotive (NASDAQ: REE) is an automotive technology leader and provider of ultra-modular electric vehicle platforms and EVs.

Our mission is to empower companies to build electric or autonomous vehicles from class 1 to 6. Through our strategic partnerships with leading automotive companies we deliver full turnkey EVs.



REE's mission is to empower companies to build any size or shape of electric or autonomous vehicle, from vehicle class 1 to 6 55

THE P7 EV PLATFORM

REE's P7 EV platform is built on top of four REEcorners™ featuring REE's disruptive x-by-wire technology.

REEcorners[™] pack critical vehicle components into the area between the chassis and the wheel, thus enabling a fully-flat chassis end-to-end with up to 35% more interior volume for passengers, cargo and batteries as compared to traditional ICE vehicles.

P7 EV platforms and EVs 'Powered by REE' can use either fuel cells or batteries such as partner Microvast's lithium-ion battery packs which deliver high energy density and fast charging capabilities.

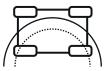


P7 EV PLATFORM HIGHLIGHTS



LOWEST TCO

Fast REEcorner™ swaps, over-the-air software updates and preventative maintenance Al



TURNING RADIUS

Minimum turning radius for an enhanced user experience



FULL X-BY-WIRE

Driving, steering and braking technology that delivers unparalleled safety and control



LOW CHASSIS

Low floor height & REEcorner™ tech for lowest center of gravity & step-in-height



DRIVER ERGONOMICS

Step reduction and wide view for optimal driver experience



INTERIOR SPACE

Greatest interior space on smallest footprint

UNLIMITED DESIGN FREEDOM

Our ultra-modular EV platforms empower companies such as auto manufacturers, delivery and logistic operators, technology companies and mobility-as-a-service providers to rapidly and cost-effectively make the transition to electric while offering them complete design freedom.



P7 EV PLATFORM APPLICATIONS



REEcorners™ & EV Platforms

Companies such as auto manufacturers can build any cabin design on top of the REE platform, benefitting from maximum dimensional flexibility and fast time-to-market.

Full Electric Vehicles

REE's Box Truck leverages REEcorner™ technology and the P7 EV platform. The class-3 EV is purpose-built to meet the needs of global delivery and e-commerce companies seeking last and mid-mile commercial EVs.

REE also collaborates with its global network of leading automotive partners to deliver best-in class complete EVs. Proxima 'Powered by REE', for instance, is a class-5 EV that features EAVX & Morgan Olson's body design on top of REE's P7 platform.



P7 EV PLATFORM SPECIFICATIONS

Parameter P7 EV Platform

Overview

GVWR 10,000 lbs – 19,500 lbs / 4.5 to 8.9 Tonnes

Vehicle Class Class 3-5

Platform Length 21.6 ft to 28.4 ft / 6.6 m to 8.7 m Platform Width 5.9 ft to 7.9 ft / 1.8 m to 2.4 m Vehicle Height 6.6 ft to 11.5 ft / 2.0 m to 3.5 m

Steering

Steer FWS or AWS

Turning Radius Minimum 19.7 ft / 6.0 m

Wheel Size 19.5 in.

Drive System

Peak Motor Power 100 kW x 4 (540 HP)

Peak Torque 136 Nm x 4

Maximum Speed 75 mph / 120 kph

Battery

Battery Capacity 126 kWh (168 KWh optional)
Battery Chemistry NMC 53 Ah HpCo cells

DC Charge Compatible with SAE J1772 - DC Fast Charging

Driving Range 200 miles / 322 km

Voltage 400V

Features

Driver Position Forward Cab / Rearward Cab
Payload Up to 8,000 lbs / 3,630 kg

Load Floor Height 24 inch / 60.9 cm

Cargo Volume Up to 1,270 ft³ / 36 m³

GLOBAL PRESENCE

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