

R3E[®]

ONE



P7-C CLASS 5
ELECTRIC CHASSIS CAB



YOU WANT AN EV THAT'S
VERSATILE, FLEXIBLE, MODULAR
AND CAN HANDLE THE
DEMANDS OF CITY DRIVING.

CONSIDER IT DONE.

Introducing the P7-C class 5 chassis cab Powered By REE®

It's electric, but it's not like anything you've seen before. The P7-C was made to improve operational efficiencies. Agile maneuvering, zero emissions, a low step-in height and excellent visibility all add up to a safe and efficient working environment. You don't need to settle for legacy technology when transitioning your fleet to electric. You can make the most out of your investment now.

The P7-C is designed around four ingenious REEcorner® modules.

REEcorner swaps in less than 1 hour. Each are individually controlled, with the REEcenter coordinating all four corner's x-by-wire technology. Traditional mechanical components have been eliminated between the wheels to create a fully modular design that's nothing short of revolutionary.



20' ft. Turning Circle¹

Navigate tight urban spaces with all-wheel steer (AWS) for greater maneuverability.



X-by-Wire control

Each corner is independent with redundancies for enhanced fail-operational design.



24 in. Platform Height

Low step-in height saves time while reducing driver fatigue and injury risk.



Aerodynamic Design

Flat and low underbody reduces drag and energy consumption while maximizing range.



Clear Sight Lines

Large windshield and side glass reduces blind spots and offer optimum visibility for busy urban environments.



Low TCO

Designed for reduced downtime, quick servicing and long spans to pay off in the near- and long-term.

(1) All illustrations, equipment, and technical data in this brochure are based on the latest information available at the time of publication. REE Automotive Ltd. ("REE") reserves the right to make changes at any time, without notice, in prices, colors, materials, equipment, specifications and models and to discontinue models or equipment. REE vehicles are assembled from component parts manufactured by REE, its affiliated companies and by independent suppliers who manufacture such components to REE's exacting standards for quality, performance and safety. Some vehicles are shown with optional equipment. REE urges drivers and operators to follow traffic rules, which are meant to keep them safe on roads.
(2) Safety or driver assistance features are no substitute for the driver's or operator's responsibility to operate the vehicle in a safe manner.
Pre-production P7-C images. Production model may vary.



TECHNOLOGY THAT TARGETS A LOW TOTAL COST OF OWNERSHIP.

SMART PREVENTATIVE
MAINTENANCE

REECORNER® CHANGES
IN UNDER 1 HOUR

CITY-FRIENDLY
20' TURNING RADIUS

ALL-WHEEL DRIVE
REGENERATIVE
BRAKING FROM
ALL 4 CORNERS

FLEXIBLE PLATFORM
HEIGHT
STARTING AT 24"

ALL-WHEEL STEER & IMPROVED
MANEUVERABILITY

DESIGNED FOR REDUCED
DOWNTIME AND QUICK SERVICING

OPTIMAL VISIBILITY
FOR BUSY URBAN
ENVIRONMENTS

DRIVER CENTRIC CAB WITH
LOW ENTRY

REECORNER® MODULE

Steering, braking, suspension, powertrain and control—the critical components in any vehicle—have been integrated into a single compact by-wire controlled module and strategically located between the chassis and the wheel. A central ECU keeps all four corners working together in harmony.



REE PLATFORM

The REE platform is fully flat end-to-end, thanks to REE's proprietary x-by-wire technology providing full steer-by-wire, brake-by-wire, and drive-by-wire independent wheel control. This enables a fully flat chassis, low step-in height, and improved vehicle maneuverability.



HIGH-ENERGY BATTERY

Large capacity, high energy Lithium-ion battery with the flexibility of up to 14.7 kW AC and 100 kW DC charging.

STANDARD FEATURES:

EXPANSIVE CABIN SPACE

High cab roof and low floor platform allowing driver to stand and move about cab with ease

LARGE HMI SCREEN

Large central HMI screen to reduce driver distraction

VISIBILITY

Ample window space for excellent visibility in tight urban environments and pedestrian heavy areas

HARD-WEARING MATERIALS

Help ensure vehicle can be easily maintained

STANDARD FEATURES:

VEHICLE DYNAMICS SYSTEMS

- Anti-Lock Braking System (ABS)
- Electronic Stability Control (ESC)
- Active Yaw Control (AYC) Anti-Lock Braking System (ABS)
- Electronic Stability Control (ESC)
- Active Yaw Control (AYC)
- Electronic Parking Brake (EPB)
- Intelligent Brake Distribution (EBD)
- Traction Control System (TCS)
- Torque Vectoring
- Hill Hold and Stop Hold
- Cruise Control (CC)

VEHICLE EXTERIOR

- LED Headlamps With Combined DRL and Fog Light, Turning Lamps
- Driver-Side Charge Port, Lighting, Status Indication
- Cab Running / Marker Lights
- HV Charge Port, Driver Side
- Power/Control Outlet for Box/Rear Body
- Keyless Entry, 2x Remote Vam Key Fob
- Manually-Adjustable Outside Mirrors, Glass-Isolated and Tinted
- Electrically-Heated Windscreen
- Twin-Speed Wipers
- Electric Door Locks

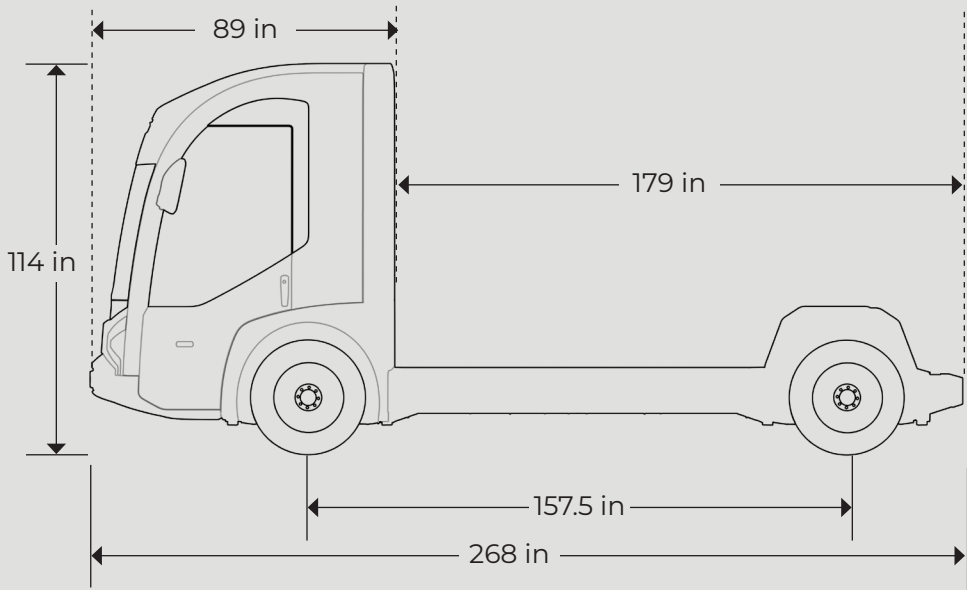
VEHICLE INTERIOR

- Driver Digital Instrumentation 7" Cluster
- Central Control Module 12.3" Touchscreen, Vehicle Systems Control e.g., HVAC , GPS and Navigation, Camera View, ADAS
- OBDII/Diagnostic Port
- Trim Panels and Headliners
- Air Conditioning, Front Windshield Defrosts
- Carbon Air Filter
- Steering Column, Rake Angle Adjustment
- Bulkhead Storage Slot and Wheel Arch Cup Holders, Coin Tray
- USB Fast Charge Ports: 2 x Type A and 2 x Type C for Each Occupant
- Dashboard Open Storage Areas
- Rubber Floor Mat
- Adjustable Sun Visor
- Driver Seat Standard - Manual Adjustment , Air Rise
- Passenger Seat Standard - Manual Adjustment, Air Rise

SPECIFICATIONS¹

HIGHLIGHTS

GVWR	18,298 lbs
Weight Class	Class 5
Available Payload	8,675 lbs
Peak Power	536 hp
Range	155 mi
X-by-Wire: All Wheel Drive, All Wheel Steer, All Wheel Brake	



CHASSIS CAB DIMENSIONS

Height (cab)	114 in.
Wheelbase	157.5 in.
Length (including bumper)	268 in.
Width (wheel nut to wheel nut)	97.5 in.
Width Between Wheel Arch	50 in.
Cab Length	89 in.
Cab to End Frame	179 in.
Cab Floor Height	24 in.
Ground Clearance	10.5 in.
Front Overhang	66 in.
Rear Overhang	44 in.
Front Track	81.5 in.
Rear Track	81.5 in.
Approach Angle @ GVW	13°
Departure Angle @ GVW	21°
Breakover Angle @ GVW	12°

BRAKING & TRACTION

Peak Torque	8,628 ft-lb
Peak Power	536 hp
Max Speed	65 mph
Drive	AWD
Braking System	Electro-hydraulic four corner by-wire

WEIGHTS

Weight Class	Class 5
Gross Vehicle Weight	18,298 lbs
Max GAWR	9,920 lbs
Payload³	8,675 lbs

STEERING

Steering	4 x independent steer-by-wire
Min Turn Diameter	39 ft.
Sensors	Motor encoder, temperature, pinion angle, hall sensors

TIRES & WHEELS

Tire	265/70 R19.5
Wheel	19.5 in.

SUSPENSION

Type	Indepenent Wishbone Twin coil over dampers
Suspension Travel	Jounce: 2.75 in. Rebound: -5.12 in.
Sensors	Wheel speed, ride height, TPMS
Static Camber Value	0.0 +/- 1.0°
Static Castor Value	0.0 +/- 1.0°

BATTERY SYSTEM

HV Battery Voltage (nominal)	400 V
Target Range⁴	155 miles
HV Battery Charging (CCS1 Plug)	Up to 14.7 kW AC Up to 200 kW DC
LV Battery Voltage⁵ (nominal)	48 V 12V

(1) Vehicle specifications are subject to change without notice. All data is approximate. (3) Payload target based on preproduction model. Production model may vary and are subject to manufacturing tolerances. (4) REE estimate based on a full charge and subject to change prior to production. REE estimated range based on analytical simulations using typical urban drive cycle. Actual range may vary based on several factors, including temperature, terrain, battery age, loading, and usage and maintenance. (5) 48 V for steering and brakes, 12 V available in cab for accessories. Actual features and specifications of the vehicle may vary from the visuals shown herein. REE reserves the right to alter, add or remove any feature and/or specification without prior notice. Technology and branding in this brochure have intellectual property rights owned by REE Automotive, including patents, trademarks, trade secrets, and copyrights.

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