

BATTERY ELECTRIC VEHICLE

PITT OHIO understands the nature of our business and the impact we have on our communities, our customers, and the environment. An integral part of our sustainability strategy is our commitment to doing our best to achieve environmental and social responsibility.

Our commitment to renewable energy, fuel efficiency, and our planet as a whole is more critical than ever to reducing our carbon output. The company is actively trying to achieve this goal on the road and at its facilities, including a patented renewable energy microgrid that is powered by 8 wind turbines and 1,500 solar panels on site, providing up to 68 megawatts of annual energy. In addition, our green fleet management practices start with maintaining and operating a modern fleet, which now includes 2 electric powered trucks.

There are less than 50 electric trucks of this kind operating in North America today.^[1]

PITT OHIO is generating the power for these two vehicles to be on the road making pickups and deliveries in the greater Cleveland area.



PITT OHIO employees, customers, and the community chose the truck design. **Thank you to our employees, customers and community for helping us pick the design for these electric trucks!**

CLASS 7 VNR ELECTRIC BOX TRUCK WITH A 26' BODY WITH A MAXON GPT 3,000 LB. LIFTGATE

FEATURES:



HORSEPOWER

More powerful than a conventional powered truck. Under the hood, you will find two 170 kW^[2] electric motors that provide output of 340 kW or 455 horsepower. A normal box truck is 275 horsepower.



BATTERIES

At a full charge, this truck can travel up to 150 miles, handling demanding routes with multiple stops on a single charge. The 4 lithium ion battery packs are 66 kWh^[3] for a total of 264 kWh. The battery life is projected to be 8-10 years.



CHARGING

At our Cleveland terminal in Parma, OH, we have a Level 2 Tritium Charger that can recharge the battery in 4 hours. The charger is part of our overall electrical system, which includes our patented renewable energy microgrid that is powered by on-site solar and wind. The truck is also equipped with regenerative braking to maximize range and brake life. It recovers braking energy and transfers it back to the battery packs.



ROOFTOP SOLAR

A small solar strip can be found on the roof of the truck, which assists with liftgate power needs.



SAFETY

The safety of our drivers and those we share the road with is our top priority. This truck is equipped with a collision mitigation safety system called Volvo Active Driver Assist. The electric truck is not only saving the planet, but with this technology, it is also safe on the road.



This extremely quiet Electric Powered Box Truck is saving 2,500 gallons of diesel fuel per year, or 24 metric tons of carbon dioxide (CO2).

THAT'S EQUIVALENT TO 1 OF THE FOLLOWING...



Recycling 1,021 bags of trash instead of putting it in a landfill!



Switching 910 incandescent lamps to LEDs!



The electricity 4.4 homes use in one year!



Charging close to 3,000,000 smartphones!



[Click here for the PITT OHIO Sustainability Story.](#)

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2. kW reflects the rate of electricity you use.

3. kWh indicates the amount of electricity you use.