



Electric vehicle charging 480 kWh

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With up to 480 kW of available power and dynamic power sharing, the company said the Nexus Distributed Charger is the first system to allow charging for up to six commercial vehicles at a...

68 kW average Design Day charging demand, a battery-buffered DCFC should be provided with at least 480 kWh of energy storage at this site. NREL's simulation yielded a series of tables that can be used to determine minimum

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ChargeTronix, a renowned global provider of intelligent electric vehicle (EV) charging infrastructure, has introduced the 480 kW Nexus Distributed Charging System. This innovative system can charge up to six electric vehicles (EVs) simultaneously, significantly enhancing the charging efficiency for commercial fleets. It will be showcased for the first time at the ACT Expo on May 20-23 in Las Vegas at Booth #4326.

Advanced Charging Capabilities

As the electric truck market is expected to grow by over 54% annually until 2030, the need for scalable and efficient charging infrastructure is paramount. The Nexus Distributed Charger addresses this need with its 480 kW power capacity and dynamic power sharing capabilities, making it the first system to charge up to six commercial vehicles simultaneously from a single power cabinet. It can charge a 300 kWh Class 6 to 8 EV in 30 to 45 minutes, catering to both fast and medium-dwell charging needs.

Stephen Israel, Vice President of Operations at ChargeTronix, emphasized the importance of dynamic power sharing, stating, "Having charging infrastructure that provides dynamic power sharing in 40 kW power increments enables the operator to optimize charging to align with their duty cycle."

Comprehensive Product Lineup

ChargeTronix will showcase the Nexus Distributed Charging System alongside other fleet charging products at the 2024 ACT Expo. Visitors can find them at Booth #4326 for demonstrations and expert advice on



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installation, implementation, and maintenance. The product lineup includes:

Commitment to Electric Vehicle Adoption

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