

"The China Energy Administration (CEA) aims to conduct promotional campaigns for the development of charging infrastructure in 107 counties and townships across the country. Numerous pilot counties and townships have already embraced the installation of charging stations equipped with XY power modules. Join us on an exploration of the applications of these power modules."

XY Cases | Exploring more Possibilities

Liuzhou

Location: 108°35'E, 26°03'N

As an important comprehensive transportation hub nationally, Liuzhou is located at a significant junction connecting the Guangdong-Hong Kong-Macao Greater Bay Area with the southwestern region, earning the reputation of being the "Commercial Port of Central Guangxi."



As one of the major production bases for E-Vehicles in the China, Liuzhou's production of E-Vehicles accounts for nearly 1/7 of the total domestic production. By early 2024, the cumulative production of E-Vehicles in Liuzhou has exceeded 2 million units.



In a charging station in Liuzhou, the XY Power 30kW and 40kW power modules have been running steadily for over 500 days. Liuzhou falls under a subtropical monsoon climate, characterized by hot and humid conditions between June and October, posing strong requirements for the environmental adaptability of charging equipment.



Throughout the entire summer, operating in an average temperature over 35°C and over 50°C in power cabinets, the XY Power modules have maintained stable operation. The charger owners hold a high regard for XY Power products. Accumulating technical expertise and experience is essential for power electronics products, and we built upon a mature product technology platform, possesses enhanced environmental adaptability capabilities.

Nanning

Location: 108°51'E, 23°32'N

Nanning is acclaimed as the "Green City of China." It has been honored with various titles including the United Nations Habitat Award, National Civilized City, National Ecological Garden City, National Health City, National Forest City, and China's Excellent Tourism City.



At a fast charging station in Nanning, situated in close proximity to a transportation hub, with dense coverage of surrounding commercial areas, logistics parks, and scenic spots. The demand for charging at this site is diverse and intense, emphasizing high requirements for the efficiency, continuous output capacity, and stability of the charging equipment.



Upon a stable prior collaboration, the charger operators have opted for the charging system featuring XY Power modules. Besides offering enhanced efficiency and reliability, these modules come equipped with the X-Manager Platform, enabling optimization of efficiency. This capability allows the modules to operate at their optimal efficiency points, enhancing the charging experience. Additionally, the platform facilitates runtime monitoring, average module lifespan within the system, and overall system reliability enhancement.

To date, these modules have supplied over 3600 GWh of power to millions of electric vehicles, enabling eco-friendly travel spanning a remarkable 16.2 billion kilometers.

<u>930kTons</u>	<u>2.7 M Tons</u>	<u>160 M</u>
Fuel Saving	Less CO ² Emissions	More Trees

Looking ahead, as the national rural revitalization drive expands the deployment of charging infrastructure in rural areas and the demand for destination charging scenarios grows, XY Power remains committed to innovation and research and development.

We are dedicated to offering our charging equipment partners and customers superior products and solutions to meet their evolving needs