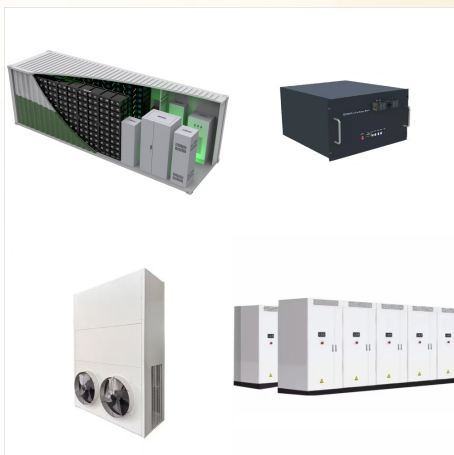




The project aims to demonstrate the commercial viability, reliability and efficiency of battery energy storage in Vietnam; Co-funded by U.S. Mission Vietnam, the pilot project will help Vietnam meet its climate action targets, including its Net Zero ambition by 2050



In cases where existing grid-tied solar energy systems are already in operation, adding battery energy storage systems may incur higher integration costs than new project investments. Furthermore, it is crucial to determine the appropriate space for backup batteries, especially to ensure fire safety.



Vietnam also wants to become a net exporter of energy to other countries in the Asia-Pacific (APAC) region. Key to the new partnership between the two manufacturers is the Power Development Plan VIII's goal of putting rooftop solar PV systems on at least 50% of office and residential buildings.



By 2030, 50% of office buildings and residences in Vietnam will be equipped with rooftop solar systems for their own use. The overall goal is to add 13.6GW of utility-scale PV systems and 3.4GW of rooftop PV systems.



The purpose of the pilot project is to demonstrate the commercial viability of energy storage in Vietnam, a country which has rapidly adopted solar PV in the past few years, but is yet to start doing the same for batteries, or other forms of energy storage technology.



Vietnam faces significant challenges in achieving its renewable energy targets to transition to a low-carbon energy system, including grid infrastructure, project financing, and land acquisition. Domestic supply does not meet demand, leading to increasing energy imports.



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The Solar Storage System (ESS) offers a low-cost and low-emissions solution for peak-hour power supply, helping Vietnam pursue low emissions development and ensuring economic growth, according to



With a profound legacy of 61 years in the electricity sector, PC1 Group takes pride in pioneering BESS research and implementation in Vietnam. Our integrated solutions combining rooftop solar panels and storage batteries are geared towards forging ???