

ContainerPower Energy Solutions

Asian containerized power generation



Overview

Are containerized generators reliable?

Years of use in the rental, oil and gas, mining and other heavy-duty industries have tested the reliability, usability and durability of our containerized generators. Our primary design challenges in developing this line of containerized generators were usability, reliability and functionality for the end user.

Can microgrids and containerization serve the power needs of water-scarce island states?

Microgrids and containerization can serve the power needs of water-scarce island states in the region. The demand for electricity in Asia and the Pacific is rapidly growing. An expanding population needs power at home, as do national economies to create employment and reduce poverty.

What is a containerised battery energy storage system (cbess)?

This operates off-grid. The first and largest containerised battery energy storage system (CBESS) for solar power has been launched in Indonesia. In a statement, SUN Energy said the project is located at PT Cipta Kridatama Jambi and has a capacity of 643.8 kilowatt-peak. It has a 1 megawatt-hour battery storage system housed in a 20-foot container.

What is a containerized system?

Containerized systems have been used for decades in the telecommunications industry, for instance to deploy data centers and mobile base stations in rural or remote areas. Standard intermodal freight containers can be shipped anywhere in the world in a period of weeks at relatively low cost.

What is a Tier 4 containerized generator?

Our Tier 4 containerized generators are high-powered —500 kW to 1250 kW— units packaged in 30-foot or 48-foot ISO containers.

What are containerized solutions?

Containerized solutions, featuring a package of renewable generation, batteries, power converters, a control system, cooling and ventilation, and fire protection—all housed in modified shipping containers—are a logical way to achieve economies of scale.

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