

## ContainerPower Energy Solutions

# Container power generation foundation



## Overview

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What is a containerized generator?

**Less Maintenance** The Containerized Series generator sets are designed for harsh weather and strict acoustical standards, utilizing a standard 40' high cube container equipped with an array of innovative features, allowing the system to operate reliably even in the hottest environments - validated at ambient temperatures of up to 55 degrees Celsius.

What is Foundation power?

Foundation Power offers an advanced gasification waste-to-energy solution. It is containerized and typically deployed in 40 ft containers for easy transport. It processes any form of organic or synthetic waste including tires and hard plastics that other systems cannot process (with the exceptions of glass and hard metals).

What is a containerized battery energy storage system?

Containerized Battery Energy Storage Systems (BESS) are essentially large batteries housed within storage containers. These systems are designed to store energy from renewable sources or the grid and release it when required. This setup offers a modular and scalable solution to energy storage.

How can Foundation power benefit from a generator back-up system?

Gas and diesel generators have long been the back-up system of choice for business and government organizations. Foundation Power can utilize these assets to allow for a smooth and long-term age-out of these assets to gain maximum savings while allowing for new solutions to be introduced when the time is right.

What is a battery energy storage system (BESS) container design sequence?

The Battery Energy Storage System (BESS) container design sequence is a series of steps that outline the design and development of a containerized

energy storage system. This system is typically used for large-scale energy storage applications like renewable energy integration, grid stabilization, or backup power.

What are factory-packaged containerized generator sets?

Our factory-packaged containerized generator sets are designed to address these challenges comprehensively. They offer a reduced footprint, improved ease of transportation and significantly shorter lead times.

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### Contact Us

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