

# **Cold chain container comes with generator**





## Overview

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How does a genset work in a reefer container?

When a reefer container is stored at the port or a facility, gensets are typically powered by electricity. They are simply plugged in, and the genset draws power from the electrical grid. However, when a reefer container is transported, the generator set is not able to draw power through an electrical socket.

What is a genset generator?

What Is a Genset?

A genset, short for generator set, is a portable power unit that supplies electricity to refrigerated containers (reefers). These containers require a constant power source to maintain internal temperatures within the desired cold or frozen range.

What types of gensets do reefer containers use?

Operators typically choose between three types of gensets to power reefer containers, depending on how and where the container moves: underslung, clip-on, or on-chassis units. Each serves a specific role in cold chain operations. Underslung gensets mount beneath the chassis of the trailer or container-carrying vehicle.

What is a genset in a shipping container?

They consist of an engine and a generator housed in a single unit, designed to be portable. In the context of refrigerated shipping containers, commonly known as reefers, gensets serve as the primary power source, ensuring that temperature-sensitive goods remain at consistent temperatures during transit.



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What is a Genset?

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To keep their temperature-sensitive cargo cool throughout transportation, refrigerated containers use gensets as a source of electricity. To learn more, read this article.

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Genset Reefer Containers: Your Guide to Reliable ...

May 10, 2025 · Conclusion Genset reefer containers are indispensable in the world of refrigerated logistics. They ensure that temperature-sensitive goods are transported safely and efficiently, ...

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Gensets for Reefer Containers - Types, Importance, and More

Apr 10, 2025 · Industries use reefer containers every day to transport precious cargo and materials, making the use of gensets for reefer containers extremely important. Genset ...

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What Is a Genset in Shipping? - freightcourse

How Gensets Work on Reefer Containers  
Types of Gensets Used in Shipping  
When Are Gensets used?  
How Much Fuel Do Gensets consume?  
Popular Genset Brands  
Due to the different modes of transport that a reefer container is moved by, there are various types of gensets. Each of these gensets is used in specific applications, to ensure that the refrigeration unit receives enough power to cool the container's interior. When it comes to shipping, generator sets are either integral, undermount, or clip-on. See more on freightcourse  
kuehne-nagel How to keep refrigerated containers cool , Kuehne+Nagel  
To keep their temperature-sensitive cargo cool throughout transportation, refrigerated containers use gensets as a source of electricity. To learn more, read this article.

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Reefer genset and how it works

Ever wonder how your favorite ice cream stays perfectly frozen while traveling thousands of miles to your grocery store? Or how life-saving medicines remain effective even when shipped ...

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What Are Gensets in Cold Chain Logistics?



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