

Cold chain container comes with generator





Overview

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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