

SolarInnovate Energy Solutions

What are the container shipping generators



Overview

What is a generator container?

These containers are designed to protect the generator from external elements, ensuring secure operation in diverse environments. The generator sets within these containers can vary in size and capacity, making them suitable for a wide range of applications.

What is a containerised generator set?

The compact design of containerised generator sets makes them highly mobile and easy to transport. The entire power generation system, including the generator, fuel tank, and control systems, is integrated into a single container.

What are the benefits of a single container power generation system?

The entire power generation system, including the generator, fuel tank, and control systems, is integrated into a single container. This portability is especially advantageous for industries that require power at multiple locations or for temporary projects such as construction sites, events, or disaster response operations.

How does a reefer container genset work?

However, when a reefer container is transported, the generator set is not able to draw power through an electrical socket. Therefore, it requires an external power source, which is fuel (typically gas, diesel, or petrol). Due to the different modes of transport that a reefer container is moved by, there are various types of gensets.

Why do generators need a container structure?

The robust container structure provides enhanced security and durability to the generator set. This protective enclosure safeguards the equipment from adverse weather conditions, dust, and other external factors.

Can gensets be used in shipping?

Integral generator sets are not often used in shipping as they either restrict internal volume or are longer in size, making them unviable for shipping on standard chassis or ocean vessels. Undermount gensets, also commonly referred to as underslung gensets, are installed directly underneath a truck's container chassis.

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