

SolarTech Power Solutions

Installation of container generator set



Overview

What is a containerised generator set?

On a regular basis, containerised generator sets (CGS) are placed on board ships to provide replacement power in case of a damage to one of the ship's generator sets, or additional power, e.g. to provide power to extra deck equipment or reefer containers. There are currently no clear rules and requirements for such time limited installations.

How do you install a generating set?

remove the tractor. (Also refer to the relevant section of the generating set installation guide.) Make sure the ground is hard enough to prevent the assembly from sinking. Using the jockey wheel or stands ensure the generating set is level. Lock the handbrake. Lower the rear stands and lock them.

Why should you buy a Cummins containerized generator set?

More Robust. More Control. More Reliability. Factory pre-integrated and customizable per site requirements, the new Cummins Containerized Series generator sets can provide significantly shortened lead time for installation, and a lower cost of ownership via a flexible design.

How do you lift a generating set?

Lift truck. Attach the hoisting device slings to the generating set lifting lugs designed for this operation. Slowly tighten the slings. Make sure the slings are evenly attached and strong enough. Slowly hoist the generating set. Move the set to the chosen site and place in position. Bring it down slowly while maintaining it in the right position.

How to maintain a generating set?

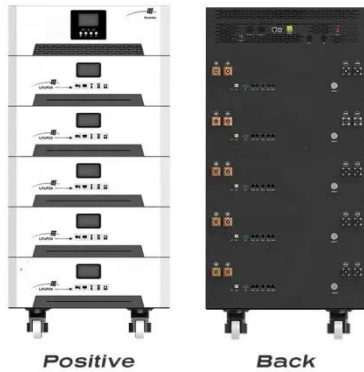
A 1 m clearance around the generating set must be considered as the minimum requirement for problem free maintenance. Make sure the doors of

the canopy can be opened completely, the equipment is easily accessible for maintenance and the generating set can be removed from the room.

How do you jack up a generating set?

Let the frame rest on the tubes and move the generating set into the room by pushing it manually or pulling it with a winch or pulley system attached to the base frame. As the generating set moves along, take the free tubes and slip them back under the frame. When it gets to its final location, position the generating set, chock and jack it up.

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DIESEL GENERATOR SET

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the method statement for installing a diesel generator set. It outlines the tools and equipment needed, including cranes, ...



Installation Manual

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