

Container generator set detection method

Resistant to -20°C~55°C high and low temperature.



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.

Can CNN-based object detection methods be used to detect moving containers?

VI. CONCLUSIONS In this paper, CNN-based object detection methods were implemented to detect the moving container. The detection results were intended to be used in the automation of loading and unloading of containers for port automation systems.

What is camera-based container detection?

To achieve this automation, camera-based container detection is needed. The camera is functioning as a sensor to classify and to detect container location based on the image processing method. The location of containers becomes the input to the gantry crane control system which operates to load or unloading of the container.

What is the purpose of detecting containers in a port automation system?

The detection results were intended to be used in the automation of loading and unloading of containers for port automation systems. The collection of images of the container were trained in the network of MobileNet v3, MobileNet FPN, SSD ResNet, and Faster RCNN.

Container generator set detection method



Diesel Power Modules

mtu Genset containers offer numerous features and benefits that speed deployment, facilitate installation, reduce environmental impact and cut ...

Container Fluid Detection Design in Generator Set

A vessel's liquid detector design is designed to keep fluid in a vessel. This design uses an ultrasonic sensor and is equipped with a warning indicator when there is a ...



Container Fluid Detection Design in Generator Set

Container Fluid Detection Design in Generator Set Y. Arnas, Rb. Budi Kartika, T. M. Raja Nasution, W. Hendro, Ika Endrawijaya, and Irsyadi Yani Abstract A vessel's liquid ...

Diesel generator set anomalous sound detection based on ...

The effectiveness of the method is verified by collecting sound data of diesel generator set operating under different loads in the Antarctic simulated power generation ...



Container Fluid Detection Design in Generator Set

Semantic Scholar extracted view of "Container Fluid Detection Design in Generator Set" by Yenni Arnas et al.

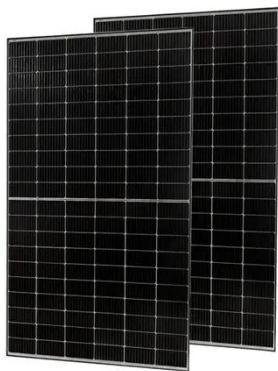
Containerized Series Generator Set

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 ...



What Is a Genset in Shipping? - freightcourse

A genset (generator set) is an external generator that powers the refrigeration unit of a reefer container. Gensets are typically used in ...



Detection method of abnormal load state of diesel generator set ...

Aiming at the problems of missing smooth data, limited detection range and high false alarm rate in diesel generator set load state anomaly detection, an improved method ...

**Bespoke Acoustic Enclosures & Containers**

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How to Design a Containerized Diesel Generator Set?

The containerized diesel generator set must address compatibility issues, such as connections with distribution systems, automation monitoring systems, and remote operation ...



Container Fluid Detection Design in Generator Set

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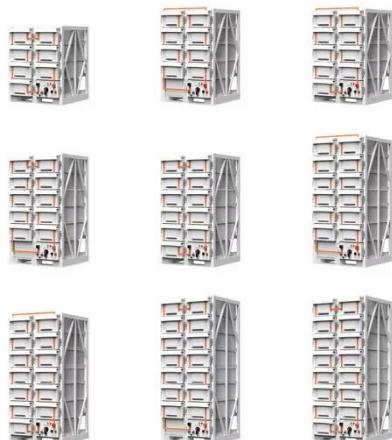
Container ...

Model NO.: SD880Y After-sales Service: 10years Warranty: 10years Type: Self-Starting Diesel Generator Installation Method: Fixed ...



A Container Escape Detection Method Based ...

We design a method to identify container processes on the dependency graph through label generation and propagation. Based on ...



Container Detection System Using CNN Based Object ...

In this paper, several advanced detection methods using CNN-based object detection, namely MobileNet, ResNet, and Faster RCNN are compared to detect and track the ...



DNV-CG-0588 Containerised generator sets

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ship's generator sets, or ...



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