

A-Core Container

Communication high-voltage container power generation



Overview

What is a high voltage shore connection system (hvscs)?

1.2 These Guidelines are applicable to vessels equipped with a High Voltage Shore Connection System (HVSCS) or a Low Voltage Shore Connection System (LVSCS) designed to power the vessel with shore power, enabling the shipboard generators to be shut down while in port/ at berth.

What is a high-voltage shore connection system?

They have been designed according to the IEC 80005 standard for high-voltage shore connection systems. The standard applies to container ships, cruise ships, RoRo cargo ships, LNG carriers and tankers. It can easily be applied also to other vessel types, including those that require a low-voltage system such as bulkers or offshore vessels.

What size generator container do I Need?

Our generator containers for Type 2, 3, and 4 gas engines have a standard 40-foot length. Width and height depend on engine type, the application (power generation only or CHP) and ambient conditions. Customized sizes to accommodate special project requirements are available on request.

Are containerized generators reliable?

Years of use in the rental, oil and gas, mining and other heavy-duty industries have tested the reliability, usability and durability of our containerized generators. Our primary design challenges in developing this line of containerized generators were usability, reliability and functionality for the end user.

Which genset containers are available?

All genset containers are also available with an option for -40°C and most variants can be upgraded for +45°C. A broad range of options, both mechanical and electrical, are available to ensure that our containers meet

the project requirements. For example, we offer several heat recovery configurations and exhaust after treatment systems.

What is the standard ventilation for genset containers?

The standard ventilation is designed for ambient temperatures from -25°C to +40°C. The genset containers can be equipped with several additional features to enable operation at lower temperatures on request. Type 6 containers are available with a similarly broad range of options that we offer for the Type 2 / 3 / 4 containers.

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Contact Us

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