

DC power supply for folding containers used in oil platforms

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What is a DC power distribution system?

DC Power Distribution System. An onboard electrical power distribution system, where electrical power sources, vessel loads, and/or energy storage systems are connected to the DC bus directly or via power electronic converters. See Section 1, Figure 1 for an example of a DC Power Distribution system.

How many power supplies can be mounted in a 40ft container?

Power supplies $\leq 300\text{kW}$ can be mounted in only a single 40ft container, while greater powers can be achieved in multiple containers and connected upon delivery. Depending upon specifications, containerized power supplies may be stacked, or located side-by-side. Setup and testing or shut-down and packing can be achieved within a matter of days.

What types of power supplies can be provided?

A wide range of high voltage, CW DC, pulsed or modulated waveform outputs can be provided. The entire system is made to be entirely weatherproof. Power supplies $\leq 300\text{kW}$ can be mounted in only a single 40ft container, while greater powers can be achieved in multiple containers and connected upon delivery.

Why should you choose AMPEGON for a self-contained power supply system?

To address these challenges, Ampegon has developed solutions to provide flexible self-contained power supply systems. Whether there is insufficient space inside existing buildings for a new power supply, no building exists, or there's a need for a system to be continuously mobile, Ampegon has experience providing such solutions.

With fully integrated systems mounted in intermodal containers, built to meet any size requirement, your power supply can be designed to be easily transportable.

With fully integrated systems mounted in intermodal containers, built to meet any size requirement, your power supply can be designed to be easily ...

Investing in a high-performance DC generator ensures reliable power for vessels, ships, and offshore platforms. Our DC gensets and DC generator heads provide uninterrupted power, ...

All traction power and switching equipment in one container
Medium-voltage switchgear
Rectifier transformer unit
DC switchgear
Setup, connect, switch on - ready
Digital components, connectivity and digital

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solutionsStation controlTechnical features station control system Sitras SCSEnergy management systemBenefitsAsset MonitoringCloud ConnectivityThe three-phase AC supply is fed in and distributed via the medium-voltage switchgear. The rectifier transformer unit (rectifier transformer and rectifier Sitras REC) transforms the voltage and frequency of the power supply. DC switchgear Sitras DSG or Sitras CSG distributes the power to the track sections. The Sitras SCS station control system pe...See more on assets.new.siemens Neeltran Inc.AC and DC power supplies for hazardous location - NeeltranNeeltran currently provides AC and DC power supplies located in hazardous areas like oil refineries, oil rigs, off-shore platforms, ship board and chemical factories for example.

Our energy systems in containers offer flexible stationary and mobile solutions for power supply in remote or challenging environments. The compact and modular containers can be quickly ...

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Braga Moro offers highly customized solutions for the supply of industrial plants, allowing a continuous saving on both running and maintenance costs while ensuring high levels of ...

The Shore Power supply of a single container can be up to 4MVA, and it supports parallel connection of multiple units, with a total power capacity of 400kVA up to 28MVA.

Traction power supply requires powerful, reliable, low-maintenance, compact substations. An intelligent solution for obtaining direct current quickly and economically is provided by ...

Distribution for powering 8 panel 11kV switchgear DC loads and SEL re-lays. Solution: 38U 1889mm H x 600mm W x 800mm D Sol Series Battery Charging System with 4 hours backup ...

This document is applies to marine and offshore assets designed, constructed, or retrofitted with a DC power distribution system, where electrical power sources, vessel major loads, and/or ...

The Protect RCS DC system has been developed and designed to provide high reliability power supply and battery charging capability. The Protect RCS DC system is a thyristor-controlled ...

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