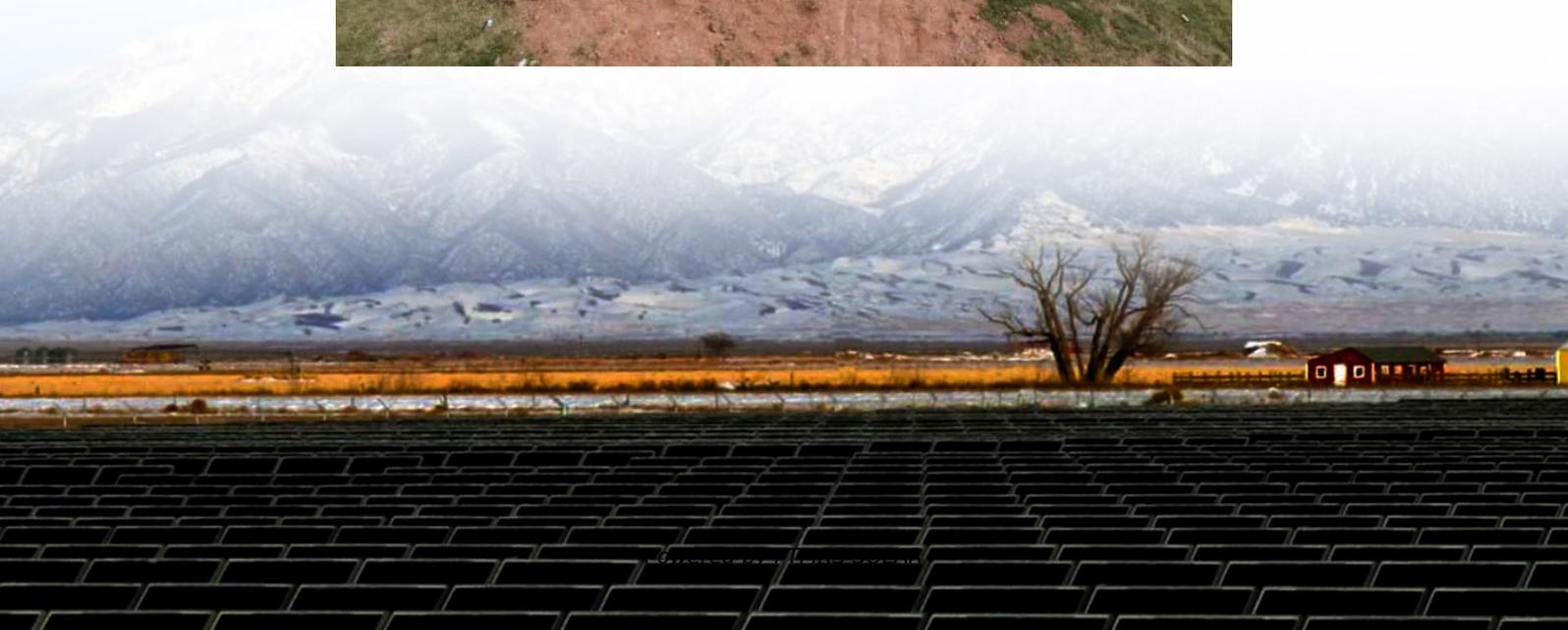


DC power supply for folding containers used in oil platforms





Overview

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

Power supplies <300kW 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 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.

What is a DC based power system?

A DC-based power system enables simple, flexible, and functional integration of energy sources such as variable speed gensets and shaft generators, batteries, and fuel cells. Also, a DC and power-electronics based power system provides a unique platform for digital solutions onboard a vessel.

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.



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Compact digital substation container solutions

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 solutions Station control Technical features station control system Sitras SCSEnergy management system Benefits Asset Monitoring Cloud Connectivity The 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 turbomachinery solutions Power supply of oil and gas platforms 6 days ago · Power supply on oil and gas platforms refers to the source of electrical energy used to power various operations and equipment on ...



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