



WALMER ENERGY

Regulations on uninterrupted power supply to solar container communication stations in Rabat





Overview

Where is the control room for a manned electrical service platform/offshore substation?

The control room for a manned electrical service platform/offshore substation is to be located above the weather deck and outside the machinery space(s) and any hazardous area. The Power Management System is to comply with 4-8-5/5.3.3 of the Marine Vessel Rules or 4-3-5/3.3.3 of the MOU Rules as applicable.

What is an uninterruptable power supply system (UPS)?

2.1 An uninterruptable power supply system (UPS) is defined as a device which for a specific period of time supplies continuous power to radio equipment independent of any power failures in the ship's main or emergency source of electric energy.² rechargeable accumulator batteries, complying with the requirements of annex 1.

Can electrical service platforms/offshore substations be used to transfer power?

Electrical service platforms/offshore substations systems may be used to transfer power to onshore substation/grid, and the arrangements are to be in accordance with Subsection 3/3. Lithium-ion Battery systems are to comply with the Lithium-ion Batteries Requirements.

What equipment & systems qualification is required for offshore electrical substations?

Equipment and systems qualification such as energy storage systems (ESS), computer-based systems, power electronic converters, large power transformers, Medium Voltage (MV), High Voltage (HV) gas insulated switchgear equipment, circuit breakers for DC and AC systems, installed on the offshore electrical substations facilities.



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15 Power Supply

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How about uninterrupted power supply for communication base stations

UPS for telecoms infrastructure provide the reliable power needed both during and after the 5G cellular network installation process, to prevent downtime and ensure that critical ...

Annex 3

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