

SolarInnovate Energy Solutions

Offshore battery cabinet power supply



Overview

Are hybrid batteries a viable option for offshore supply and service boats?

Demand is growing in the offshore market for supply and service boats equipped with hybrid battery power. Like many energy majors, Equinor and Shell are increasingly stipulating batteries on board in their charter contracts.

Are batteries on board?

Like many energy majors, Equinor and Shell are increasingly stipulating batteries on board in their charter contracts. First explored in the recently completed FellowSHIP project, battery hybrid power installed on offshore supply vessels proved to give 15-25 per cent fuel savings, and even greater emissions reductions.

Can a battery-operated vessel be retrofitted?

The vessels will have Battery Power Notation from DNV GL, which allows them to achieve savings in fuel consumption while working in dynamic positioning alongside the installations. Equinor already had two battery-operated vessels on contract at the time of the signing. "Battery power can be retrofitted," Sætendal confirms.

How does a maritime energy storage system work?

The maritime energy storage system stores energy when demand is low, and delivers it back when demand increases, enhancing the performance of the vessel's power plant. The flow of energy is controlled by ABB's dynamic Energy Storage Control System.

Can batteries be installed on a ship?

More than just installing batteries on a ship, there are other factors that must line up if the full effect of battery hybrid power is to be reached. "We have a big tool kit," Sætendal claims. One effective tool is crew motivation. "A committed crew is essential. They must be encouraged to use the solution,

not forced.

What type of power system does a ship use?

The primary electric power system of ships has been based on the alternating current (AC) system for a long time.

Offshore battery cabinet power supply



Uninterruptible power supply enhancement for offshore oil rigs

May 4, 2017 · Ametek Solidstate Controls' SlimLine product line enhancement is a uninterruptible power supply (UPS), designed to meet the highly specialized need for offshore oil and gas rigs.

Uninterruptible power supply enhancement for offshore oil rigs

May 4, 2017 · Ametek Solidstate Controls' SlimLine product line enhancement is a uninterruptible power supply (UPS), designed to meet the highly specialized need for offshore oil and gas ...



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://institut3i.fr>