

# **Smart Trading of Photovoltaic Containers for Oil Platforms**





## Overview

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Can floating photovoltaics be optimized for offshore use?

A team of scientists from China and the United States studied ways to optimize floating photovoltaics for offshore use. It found that the robustness of the systems was influenced by the size and number of platforms, as well as the types of connections between platforms.

How does a Smart trading platform work?

The user has the option of trading individually or letting the software make intelligent matches for them. If the user decides to trade autonomously, the platform displays to them all the products in the smart product library that satisfy their trading requirements.

Can semi-submersible Ocean Engineering platforms be used in FPV platforms?

For this study, the group introduced a novel modular design for FPV platforms that incorporated the concept of semi-submersible ocean engineering platforms. It used a catenary mooring system, which is based on a curve that has been commonly used in bridge, ship, and ocean platform moorings.

Is there a connection between excess consumption and green certificates trading?

As the renewable energy consumption responsibility weight system is gradually implemented in various provinces, there is a closer intersection between the excess consumption and green certificates trading. Existing trading platforms can only meet the needs of green certificates trading.



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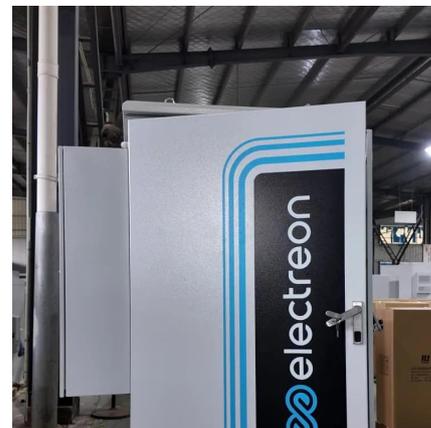


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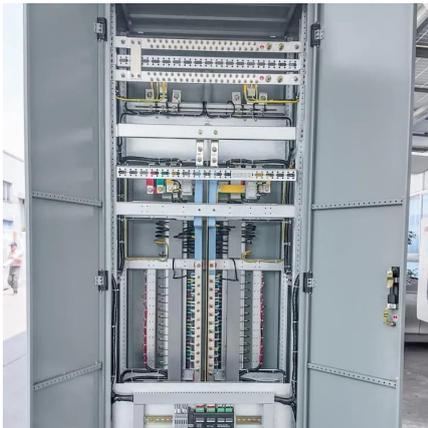
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## PCIC Europe Authors Kit

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