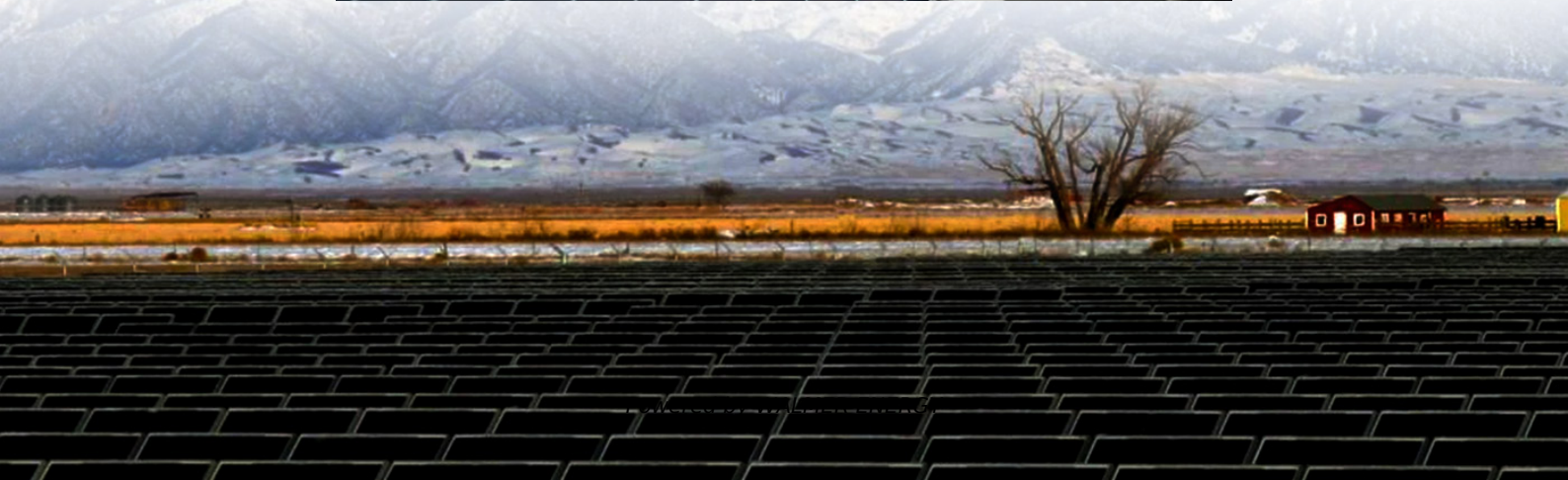


# **Quotation for Wind-Resistant Solar-Powered Containerized Data Center Project**





## Overview

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What is China's wind-powered underwater data center?

Explore China's innovative wind-powered underwater data center off Shanghai. This sustainable facility drastically cuts energy, water, and land use for AI, 5G, and IoT applications.

Could this be the world's '1st' offshore floating green data center?

A consortium led by Japanese wind power developer Eurus Energy Holdings has unveiled plans to build a demonstration project for a 100% renewable energy powered offshore green data center off the coast of Japan. Solar and battery energy storage systems (BESS) will power the platform that may be the world's '1st' offshore floating green data center.

How does China keep data centers cool?

The \$226 million project uses ocean breezes and seawater to stay cool. China is submerging data centers into the ocean to keep them cool. Shanghai Hailanyun Technology China has completed the first phase of construction of what it claims is the world's first underwater data center (UDC).

Could offshore floating data centers be the answer to energy challenges?

Offshore floating data centers may provide the answer to these challenges, according to the consortium. The Japanese team recommends that the offshore data centers of the future be located near offshore wind farms to maximize the use of generated electricity without relying on or being limited by onshore power grids.



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