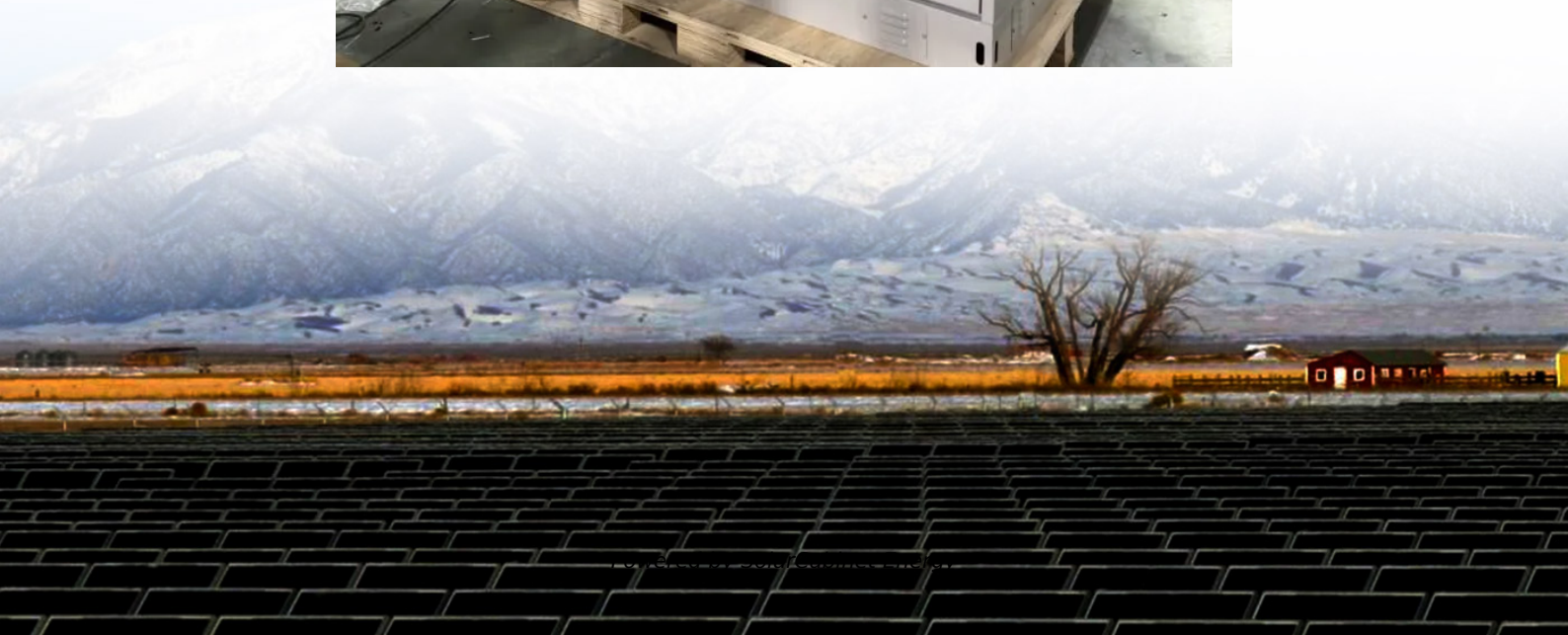


Philippines Liquid Cooling Energy Storage System





Overview

What are liquid cooling solutions?

By utilizing liquid as a heat-transfer medium, these systems deliver exceptional cooling performance while reducing energy consumption and environmental impact. Below are some of the most advanced and widely adopted liquid cooling solutions revolutionizing the air conditioning industry.

What is a liquid cooling thermal management system?

The liquid cooling thermal management system for the energy storage cabin includes liquid cooling units, liquid cooling pipes, and coolant. The unit achieves cooling or heating of the coolant through thermal exchange. The coolant transports heat via thermal exchange with the cooling plates and the liquid cooling units.

What is a liquid cooling unit?

The product installs a liquid-cooling unit for thermal management of energy storage battery system. It effectively dissipates excess heat in high-temperature environments while in low temperatures, it preheats the equipment. Such measures ensure that the equipment within the cabin maintains its lifespan.

What is a 5MWh liquid-cooling energy storage system?

The 5MWh liquid-cooling energy storage system comprises cells, BMS, a 20'GP container, thermal management system, firefighting system, bus unit, power distribution unit, wiring harness, and more. And, the container offers a protective capability and serves as a transportable workspace for equipment operation.

Are liquid-cooled data centers reshaping the industry?

Industry leaders like Oxigen are already deploying liquid-cooled data centers, setting new efficiency benchmarks. Beyond liquid cooling, other technologies



are reshaping how the industry approaches responsible thermal management. Chilled water systems using low-GWP refrigerants are improving efficiency while minimizing environmental harm.

Are liquid cooling systems a good choice for modern air conditioning systems?

Liquid cooling solutions offer a range of benefits that make them a preferred choice for modern air conditioning systems. These systems are highly energy-efficient, often consuming less energy than traditional air-cooled systems, lowering operational costs.



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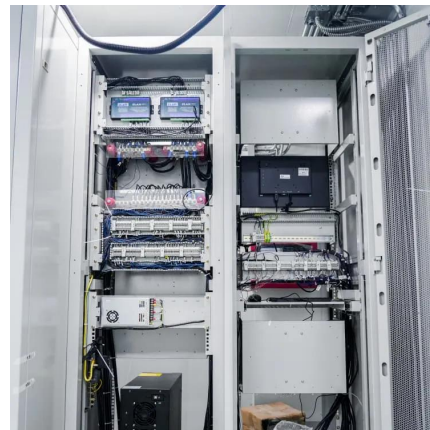


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