

What is immersion liquid cold box energy storage





Overview

What is liquid immersion cooling?

Chris Carreiro, CTO at Park Place Technologies, explains the specifics of liquid immersion cooling, as well as the challenges – and benefits – of its adoption. Immersion cooling is a type of liquid cooling used to moderate data centre equipment temperature by submerging it in a cooling fluid.

What are the advantages of liquid immersion cooling technology?

Efficient energy utilization is one of the great advantages of liquid immersion cooling technology used in electronics.

What is server immersion cooling?

Server immersion cooling helps to dissipate heat and keep components like CPUs performing optimally. Immersion cooling systems prove to be more efficient than traditional data centre cooling methods (like computer room air conditioning, or CRAC) due to the increased thermal conductivity of most liquids compared to air.

What is the difference between liquid immersion cooling and traditional cooling?

Moreover, traditional cooling techniques require a lot of space and contribute to the total cost of ownership. Meanwhile, the liquid immersion cooling technology is denser in terms of server density and this means two of the system can be installed in a place occupied by just one traditional system.



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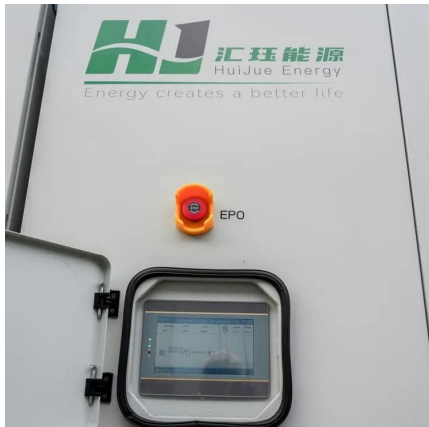
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