

SHUANGLIANG ENERGY SAVING LIQUID COOLING ENERGY STORAGE SYSTEM



Who is shuangliang? Over 3 decades, Shuangliang has been devoted to the field of industrial waste heat recovery. As we deepen our understanding of using industrial waste heat recovery technology for heating and cooling solutions, Shuangliang is gradually transformed from an equipment supplier into a system provider.



Who is shuangliang Eco-Energy Systems? It is the first and only listed company in the absorption chiller and heat pump industry. Shuangliang Eco-Energy Systems ranks among top 500 Chinese enterprises. The company is affiliated to Shuangliang Group, a large comprehensive enterprise that provides manufacturing, chemical and materials, and hotel services.



What services does shuangliang offer? Our services also cover energy performance contracting and energy management contracts. With comprehensive and thoughtful services, Shuangliang gives full play to its technical advantages gained over the years.

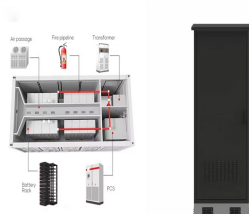


Why is shuangliang expanding its business? As of today, SHUANGLIANG is quickly expanding its business to cover air cooled condenser and seawater desalination solutions. This expansion offers customers wider choices for fresh-water conservation and production, and enables new applications of our waste heat recycling technology.

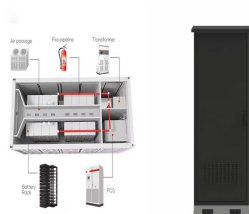


Why should you choose shuangliang? With comprehensive and thoughtful services, Shuangliang gives full play to its technical advantages gained over the years. Add.: Shuangliang Industry Park in Ligang, Jiangyin City, Jiangsu Province, China Do you often feel your production process runs out of budget while watching your energy lose as waste heat but you can do nothing about it?

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What is the leakage rate of shuangliang absorption chillers? of Shuangliang absorption chillers: The chiller and its parts have been inspected by helium mass spectro leak tester with leakage rate of $1 \times 10^{-10} \text{ Pa} \cdot \text{m}^3/\text{s}$, which is 4 order lower than $2.03 \times 10^{-6} \text{ Pa} \cdot \text{m}^3/\text{s}$ specified by Japanese Industrial Standard JISB8662-1994. The rigid leak tester applied by Shuangliang is the only equipment used in abso



It is committed to becoming a leading digital driven full life cycle carbon neutrality solution service provider; The lithium bromide unit and intelligent all steel structure indirect air cooling system ???



The installation of a liquid cooling system may incur initial costs. However, over the long term, the efficiency gains and extended component lifespan often outweigh these upfront expenses. **2. System Integration ???



Recently Shuangliang Eco-Energy released its 2022 ESG report. We are so proud to see the significant progress and achievement on Shuangliang's journey to energy-saving & carbon neutrality. Last year, while ???



With the mission of environment friendly, Shuangliang Eco-energy (SH 600481) is committed to becoming a digitally driven full life cycle carbon neutral solution service provider. It has core competitiveness in the fields of energy saving, ???

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Main products: Coolinside liquid-cooled cabinet and full chain liquid cooling solution, BattCool energy storage full chain liquid cooling solution 2.0, XGlacier full chain cold plate liquid cooling system, integrated cold plate liquid ???



An energy-storage system (ESS) is a facility connected to a grid that serves as a buffer of that grid to store the surplus energy temporarily and to balance a mismatch between ???



The widespread adoption of battery energy storage systems (BESS) serves as an enabling technology for the radical transformation of how the world generates and consumes electricity, as the paradigm shifts from a ???

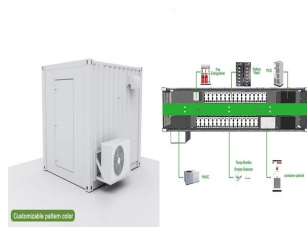


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Indirect liquid cooling is a heat dissipation process where the heat sources and liquid coolants contact indirectly. Water-cooled plates are usually welded or coated through ???

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case studies documenting the energy savings and first cost savings of cold air distribution (CAD) systems. EPRI and Florida Power & Light (FP&L) funded one CAD/ice demonstration project ???

APPLICATION SCENARIOS



Without thermal management, batteries and other energy storage system components may overheat and eventually malfunction. This whitepaper from Kooltronic explains how closed-loop enclosure cooling can improve the power ???



Shuangliang has been devoted to the basic research and experimental work of steel structure tower for a long time, including wind tunnel test of cooling tower rigid model pressure measurement, wind tunnel test of cooling tower air ???



Our Mission Corporate vision Entrepreneurial spirit ???



The integration of cold energy storage in cooling system is an effective approach to improve the system reliability and performance. For instance, low-temperature liquid water is the main ???