

Kuwait has solar-powered air conditioners installed in its clothes



Overview

The team developed a thermoregulatory clothing system that combines an organic photovoltaic module with bidirectional electrocaloric devices that are capable of heating or cooling. Together, they create. The company Octocool (Kuchofuku) makes clothing that features integrated fans to help you keep extra cool on the job or outdoors. In a paper titled 'Self-sustaining personal all-day thermoregulatory clothing using only sunlight' published in the journal Science, researchers describe how they created solar-powered smart. Before we get to wearable air conditioners and air-conditioned tee shirts, we need to wrap our hands around why they are even being looked into so seriously in the first place. The idea, which was developed by Ziyuan Wang and associates at Nankai.

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Sustainable Fashion: Solar-Powered Wearables and Textiles

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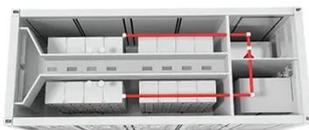
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The team developed a thermoregulatory clothing system that combines an organic photovoltaic module with bidirectional electrocaloric devices that are capable of heating or cooling.

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Scientists make solar-powered

clothing that works like personal air

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This Company Makes Air-Conditioned Clothing With Built-In Fans

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Wearable Air Conditioning

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