Solar container chiller patent

Solar Panels For Cold Room Photovoltaic power generation is a technology that uses the photovoltaic effect of a semiconductor interface to directly convert light energy into electrical energy.

F24S25/12 -- Arrangement of stationary mountings or supports for solar heat collector modules extending in directions away from a supporting surface using posts in combination with upper profiles

In one embodiment, the invention is directed to a solar-powered refrigerated container for the storage and chilling of food, beverages or any other applicable products.

Another cooling system is provided including a solar cooling unit; one or more modular refrigeration chiller units; and a water loop that can be selectively directed through the solar cooling unit, through ...

Our solar-powered refrigeration units provide reliable refrigeration, freezing and electricity without the expense and maintenance issues associated with diesel generation in remote locations. We use ...

A solar-powered two-bed adsorption chiller which can operate after sunset when the solar radiation intensity becomes zero. Rechargeable solar-powered batteries (SPBs) are connected to a flat-plate ...

The at least one plug receptacle is electrically coupled to the battery. The plurality of solar panels are configured to receive sunlight and convert to solar energy for storage in the battery and supply ...

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Conversely, multi-effect absorption chillers with high-temperature collectors are indeed promising in regions with high solar resources. However, the review shows that using currently ...

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