Water-cooled solar container pack patent

The container utilizes solar energy gathered from a solar collector on its outer surface to power a refrigeration system that is able to maintain a temperature that is 40° below the outside temperature.

A package for cooling containing a superabsorbent polymer, the package including a bag for receiving and containing a liquid, the bag having an opening therein for receiving liquid medium, the bag being ...

Liquid-cooled energy storage systems are particularly advantageous in conjunction with renewable energy sources, such as solar and wind. The ability to efficiently manage temperature ...

The technical field of invention relates to solar panel and dispenser devices associated with dispensing liquid beverages. More particularly, the present invention pertains to solar panel and ...

Various types of self-heating containers are known for heating contents (mainly foodstuff) by heat of hydration between an exothermic reaction agent such as quicklime and water, as disclosed, for ...

A system includes a floating platform-mounted computer data center comprising a plurality of computing units, a sea-based electrical generator in electrical connection with the plurality of computing units, ...

6. The evaporative cooling system of claim 1, constructed and arranged for the cooling of a solar panel. 7. The evaporative cooling system of claim 1, wherein the cooling agent composition in substantially ...

The present invention discloses a solar water cooler, which includes a water tank, a condensing panel, and an auxiliary refrigerating devices, wherein the water tank has an insulating panel transversely ...

The present invention relates to an eco-friendly solar container system that can be installed without a separate permit in a container space to which an independent solar power generation system is ...

The present disclosure describes a solar energy storage system. A storage container is provided, comprising a base having a compartment defined by a planar exterior surface and a planar interior ...

This system is realized through the unique combination of innovative and advanced container technology. Our pioneering and environmentally friendly solar systems: ...

The present invention relates generally to an environmentally friendly refrigeration unit and more particularly solar-powered refrigeration container that allows stored foods, beverages and other ...

The solar container is lifted using the corner corners in the roof frame. With these in the base frame, the

module can be fixed and secured during transport using the twist-lock system.

A portable, solar assisted, temperature controlled container comprises: a body with a cavity; a lid sealable thereon; a detachable solar panel producing electric power; a thermoelectric cooling unit; an ...

Disclosed herein is a solar powered cold storage system for providing refrigeration of a container (112) and its contents which comprises one or more solar panel (102) with photovoltaic modules, where the ...

The present invention discloses a solar powered cold storage system for providing cooling mechanism / refrigeration to a container and for maintaining the temperature of specially adapted...

The water-cooled encapsulating structure of the optical-fiber bundling device that the present invention proposes comprises: sealing box body, bundling device optical fiber and substrate, described box ...

A three-compartment, instant hot or cold, reusable cold pack for transferring heat to or from an object. A first compartment contains a predetermined amount of a solvent comprised primarily of water. A ...

Abstract: A system for providing a shipping label and a packing list on a container is provided which enables rapid and automated sequential application of a packing list and a shipping ...

Efficient mobile solar power units for shipping containers You have a container. Let"s power it with carbon-free, cost-efficient, plug-and-play, electricity. We are ...

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.

A significant part of Tesla"s business relies heavily on the durability and longevity of its battery packs, and in the spirit of disruptive ...

The system is compact and neat in structure, and integrates with the container. Since the system employs a solar hot-water supply and power generation system, solar energy can be used...

The invention discloses a self-circulation water-cooled solar photovoltaic device at high temperature, which comprises a frame, a photovoltaic plate uniformly laid on the frame, a glass cover plate ...

BOCA provides phase change materials at a series of PCM temperature for various kinds of thermal energy storage solutions to meet industrial and business needs.

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