

Domestic technical patents for air solar container power stations





Overview

Search specific patents by importing a CSV or list of patent publication or application numbers. 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 interior heat sink secured in the cavity proximate to an interior side of the thermoelectric. The floating solar photovoltaic system includes a rectangular float having a divided top platform and four interconnected walls, and a cross-shaped support configured to fit between the walls and holding four pontoons within openings formed thereby. Energy storage power supply 1kw This product is a new energy storage box (multi-purpose backup power station), built-in high-capacity LiFePO4 pouch cells, combined with a high-strength aluminum a?

| Imagine a world where giant battery-packed shipping containers could stabilize power grids like. At a location in Southern Europe it can even be up to 50 households due to the high solar. The cooling units include an interior and an exterior heat sink, and an interior and exterior fan and an interior and exterior vent.



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WO2021028934A1

The present invention relates to portable solar powered cold storage system comprising of solar power source; string junction box; charge regulator; solar off-grid inverter; battery unit; cooling unit; and ...

mobile solar power plants & stations

We sell a container including fold-up aluminium solar wings, each made from 8 solar panels, providing 2.4kW power and wired to the pre-fitted technical room inside the container. We offer a highly ...



Solar containers, solutions for quick solar power supply ...

ERM Energies, expert in autonomous solar installations, design custom-made solar containers proudly manufactured in France. Whatever the application, the ...



US8353167B2

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 ...



Shocking containerized powerhouse packs massive 240 solar panel ...

Austrian startup Solar Container has unveiled a highly sophisticated and portable photovoltaic energy system that can fit 240 solar panel modules in a standard-size container. The ...



WO2024015356A1

A remote energy system including a container, the container including a partition separating the container into a generator side and an energy storage side, a motor secured in the energy storage ...



Off grid container power systems -- Off-Grid Installer

We are offering mini renewable power stations in a Off-Grid shipping Container ready to be deployed worldwide. These include solar PV panels and mountings.





Solar Energy Type Patents (Class 136/206)

Abstract: A floating solar photovoltaic system and a method for cooling a back surface of a photovoltaic panel are described. The floating solar photovoltaic system includes a rectangular float ...



Solar-powered refrigerated container

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

Large-scale space-based solar power station: power

A space-based solar power station, a power generating satellite module and/or a method for collecting solar radiation and transmitting power generated using electrical current produced ...



Mobile Solar Container Power System Market

Regulatory frameworks and government policies directly influence the pace and scale of mobile solar container power system adoption by shaping financial incentives, market accessibility, and technical ...



US7997532B2

The airborne platform collects solar energy above the clouds and transmits the energy to a receiving station on the ground via a microwave transmission system, avoiding possible attenuating effects of ...



Turning shipping containers into renewable solar units

The solutions include: SolarTurtle - the solar kiosk This is a micro-utility geared towards the less fortunate communities using the solar battery charging station ...

Solar-powered refrigerated container

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 gree. below the ...



What types of air energy storage patents are there? , NenPower

Air energy storage encompasses a range of innovative technologies aimed at storing energy using air as a medium. This field has grown significantly due to the increasing demand for ...



Mobil Grid® solar container , ECOSUN innovations

The Mobil-Grid ® is an ISO-standard, CSC-approved maritime container that integrates a photovoltaic power plant, ready to be deployed and connected, with ...



UNLOCKING OFF-GRID POWER: THE ULTIMATE GUIDE TO SOLAR ENERGY CONTAINERS

Conclusion Solar energy containers epitomize the pinnacle of sustainable energy solutions, offering a plethora of benefits across diverse applications. From their renewable energy ...

Mobil Grid® solar container , ECOSUN innovations

The Mobil-Grid ® is an ISO-standard, CSC-approved maritime container that integrates a photovoltaic power plant, ready to be deployed and connected, with integrated control cell and batteries. ...



Container transformer stations designed for renewable energy sources

Nowadays, in Poland, the majority of the energy generated in power stations comes from fossil fuels. An alternative to this solution is renewable energy sources (RES). These resources can be replenished ...





RANKING OF DOMESTIC TECHNOLOGY PATENTS FOR ...

In terms of patent layout, JinkoSolar's global patent applications have exceeded 4,200, of which more than 2,800 are validly authorized patents, with 462 N-type TOPCon related authorized patents, a?, ...



Domestic technical status of air solar container power stations

A container power station is a self-contained power generation unit housed in a shipping container. These stations can be equipped with various types of power generation technologies, such as diesel

Electric vehicle charging station with solar component

The present invention relates to a solar powered electric vehicle charging station, and more particularly, to a charging station which receives solar sourced electricity and grid sourced ...



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