

# Solar container power supply patent





## Overview

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The invention discloses a solar container system which comprises a highly-efficient photovoltaic assembly, a storage battery, a solar hot-water supply and power generation system, an inverter, a combiner box, a photovoltaic control optimizer, a seawater desalination. Search specific patents by importing a CSV or list of patent publication or application numbers. The invention discloses a solar container system which comprises a highly-efficient photovoltaic assembly, a storage battery, a solar hot-water supply and power generation system, an inverter, a. The plurality of solar panels are configured to receive sunlight and convert to solar energy for storage in the battery and supply energy to electric vehicles during transport of the container (s). The present application is a CIP application of and claims priority of U.S. patent application Ser. Taiwanese electronics manufacturer Foxconn Technology Group, which produces everything from Apple's iPhone and Microsoft's Xbox One to HP servers, has patented two data center containers, each with a different cooling system, and a system for powering containers with solar panels. In addition to. Zondus SolarContainer Ecosystem is an electrified container, railcar, ship, connection pad, and/or semi-trailer system for generating, storing, and supplying electricity for freight transportation. The system involves modifying standard shipping containers (ISO 668) to integrate thin-film. The present invention. A sustainable power supply unit for ISO containers that includes photo voltaic solar panels that produce electric power allowing standardized mounting and attachment on top of ISO containers. The power supply unit can include ISO container corner castings that allow two or more sustainable power.



## Solar container power supply patent

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### 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 ...

### US Patent Application for SOLAR ENERGY INTERMODAL CONTAINER ...

The plurality of solar panels are configured to receive sunlight and convert to solar energy for storage in the battery and supply energy to electric vehicles during transport of the container (s). Skip to: ...



### US Patent Application for SOLAR ENERGY CONTAINER SYSTEM ...

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 ...

### A Business Strategy Framework for Patent Pooling in the Solar Cell

In the green energy sector, which includes the solar cell industry, effectively combining the patents of various manufacturers within the supply chain to collectively create sustainable



patent ...



### U.S. Patent Application for SOLAR PANEL PROTECTIVE CONTAINER ...

The present invention relates to the field of solar power generation substrates and systems, and more specifically relates to a solar panel protective container apparatus and system configured to protect ...



### 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 ...



### US Patent Application for SOLAR ENERGY INTERMODAL ...

Solar photovoltaic (solar PV) technology captures sunlight to generate electric power. Solar PV technology has improved significantly in the last 20 years and may be utilized as the exterior walls ...



### Foxconn designs solar-powered containers

Such containers are quick to deploy, cheap to build and can be used to grow the capacity of existing facilities, by dropping them on campus and plugging into existing network, power and ...

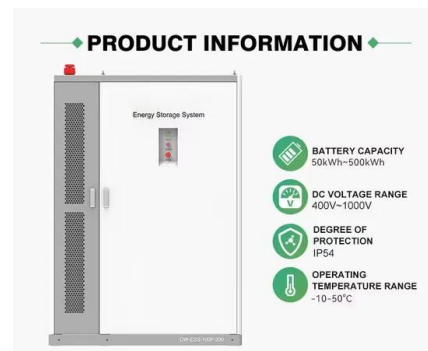


### KR20120014820A

The present invention relates to a container ship having a photovoltaic device, and more particularly to a container ship having a photovoltaic device that can reduce the cost per unit power by producing ...

### No.1 Capacity Solar Container , Solarabox

The container is equipped with foldable high-efficiency solar panels, holding 168-336 panels that deliver 50-168 kWp of power. It is the perfect alternative to unstable grid power and ...



### KR102772852B1

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## Panasonic's Power Supply Container: A solar power plant in a box

The "Power Supply Container" comes equipped with 12 of Panasonic's HIT240 solar modules on the roof and generates approximately 3 kW of electricity, with 24 lead-acid batteries ...



**1mwh** (500kw/1mw)

AIR COOLING  
ENERGY STORAGE CONTAINER

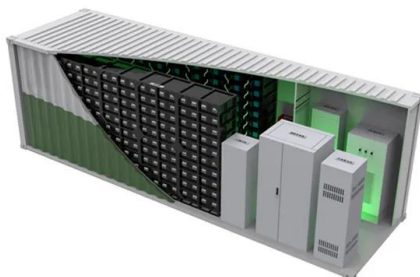


## Renewable Solar Container Generators

ROXBOX produces a range of HELIOS Solarator(TM) Renewable Battery Energy Storage Systems (BESS) to meet site power needs via a sustainable solution. Each containerized Solarator(TM) BESS can be ...

## Solar Powered Case for Charging Electronic Devices

A solar powered case for charging electronic devices is provided. The solar powered case includes a housing having a body, a back panel and a front panel. The back panel and the front panel include ...



## 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



## U.S. Patent for Solar power system for marine dock Patent (Patent

With the equipment container 104 near or in the canopy, the solar power system may be configured to power lights, such as LED panel lights, or a television, or be used to charge portable electronic ...



## 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.

## Taiwan's Foxconn Patents Solar-Powered Data Center Container

Taiwanese electronics manufacturer Foxconn Technology Group, which produces everything from Apple's iPhone and Microsoft's Xbox One to HP servers, has patented two data ...



## US Patent 9157418 Sustainable power supply unit for ISO containers

A sustainable power supply unit for ISO containers that includes photo voltaic solar panels that produce electric power allowing standardized mounting and attachment on top of ISO containers.



## SOLAR ENERGY CONTAINER SYSTEM AND METHODS

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 ...



### U.S. Patent for Portable solar power generator with energy storage

Disclosed is an apparatus for a solar power generator as it relates to a portable and expandable solar power generator that can form a micro-grid power system comprising any elements ...

### KR102772852B1

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 ...



### Patents Assigned to SOLARDRIVE CONTAINER POWER ApS

Justia - Patents - Patents and Patent Application Resources Abstract: A sustainable power supply unit for ISO containers that includes photo voltaic solar panels that produce electric power ...



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