



# Disc power generation solar energy





## Overview

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Studies have shown that the disc-type solar thermal power generation system used in space has the advantages of low aerodynamic resistance, low launch quality and low operating cost compared with photovoltaic power generation systems. The invention provides a disc type solar thermal and gas hybrid power generation device. The steam generated in the solar disc system goes into the low-parameter steam turbine to produce electricity. A single PV device is known as a cell. An individual PV. Shanghai JINSUN New Energy Technology Co.



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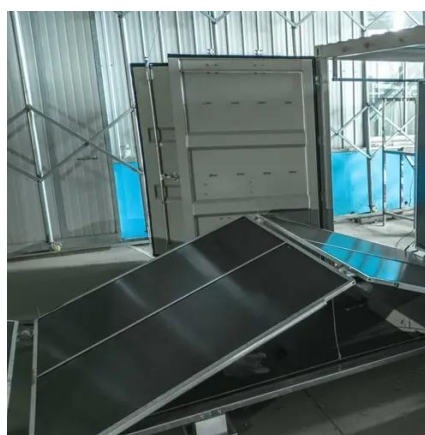


### A Combined Solar Disc Power Generation and Desalination System

A system is designed to combine the solar disc power generation and desalination in this paper. The steam generated in the solar disc system goes into the low-parameter steam turbine to produce ...

### The principle of optical disc solar power generation

Concentrating solar power (CSP) is a dispatchable, renewable energy option that uses mirrors to focus and concentrate sunlight onto a receiver, from which a heat transfer fluid carries the



### Build Your Own Optical Disc Solar Generator: Step-by-Step DIY ...

Optical disc solar generators turn this e-waste into clean energy solutions. Unlike traditional solar panels requiring expensive silicon, this method uses aluminum-coated discs - ...

### Optical disc production solar power generation

We demonstrate through precise numerical simulations the possibility of flexible, thin-film solar cells, consisting of crystalline silicon, to achieve power conversion efficiency of



### [Solar thermal power generation technology research](#)

Solar power generation technology is an important technology to alleviate energy crisis and an effective way to solve environmental pollution.



### Solar Disc Thermal Power Generation

The invention relates to the field of optics power generation equipment, in particular to a disc type solar energy collector and a power generation system. The disc type solar energy collector



### Disc solar thermal power generation and the status quo of solar

Divided by solar energy collection methods, there are three main types of solar thermal power plants: tower type, trough type and pan type. This article introduces disc solar thermal power ...

### Disc type solar thermal and gas



## hybrid power generation device

The disc type solar thermal and gas hybrid power generation device mainly consists of a solar tracking probe (1), a disc reflection mirror (2), a tower frame (3), a heating chamber (4), a Stirling generator ...



## CN104847606A

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