

# Solar power satellite factory in Sydney

 **TAX FREE**    

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



**ENERGY STORAGE SYSTEM**



## Overview

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Having tested its solar cell technology with spaceflights on Australian and international missions, Extraterrestrial Power is gearing up to manufacture solar cells for customers worldwide – and maybe one day build them in-situ on the Moon. While solar cells have powered satellites for decades, they're not quite the money-saving solution we're used to on Earth – but an Australian company is aiming to change that. Sydney-based Extraterrestrial Power has developed a mass-manufacturable solar cell that it estimates to be ten times more. Extraterrestrial Power has developed a space-grade solar cell thin enough to be mass produced like terrestrial solar cells, and which it estimates to be ten times more affordable than current space solar cells. Each of these current renewable options have limitations, in particular intermittency. Leading companies and research organizations worldwide are advancing this technology, aiming.

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### Home , Extraterrestrial Power Ltd.

Extraterrestrial Power's mission is to deliver mass manufacturable, radiation tolerant, thin silicon solar cells for 10x cheaper than current space solar sells.

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### Sky's the limit for mass produced space-grade solar cell innovation

Sydney-based Extraterrestrial Power has developed a space-grade solar cell thin enough to be mass produced like terrestrial solar cells, which it estimates to be ten times more affordable ...



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### Space-based Solar Power

Explore the cutting-edge technology of space-based solar power, where solar energy is captured by satellites and transmitted wirelessly to Earth, ensuring a continuous and reliable power supply.

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## Space Tech Company Slashes the Cost of Solar Cell

The Australian Space Agency recently outlined work on a more cost-effective solar cell conducted by Extraterrestrial Power, a Sydney company that says it aims to deliver affordable power ...



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## Top 10 Companies in Space-Based Solar Power Market in 2024

Discover the top 10 companies leading the Space-Based Solar Power (SBSP) market in 2024. Learn how industry pioneers are advancing SBSP technology to harness solar energy from ...

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## Space-based solar power

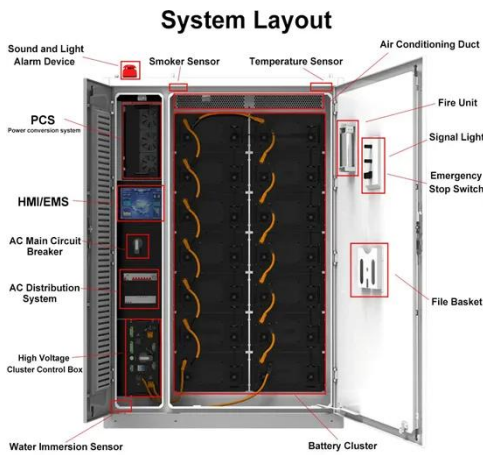
SERT went about developing a solar power satellite (SPS) concept for a future gigawatt space power system, to provide electrical power by converting the Sun's energy and beaming it to Earth's surface, ...

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## 10 Top Solar Companies in Sydney

Its signature project, the Australia-Asia Power Link, will capture and store solar



power in Australia and transmit it to Darwin and Singapore. The government of Indonesia is a partner in the ...

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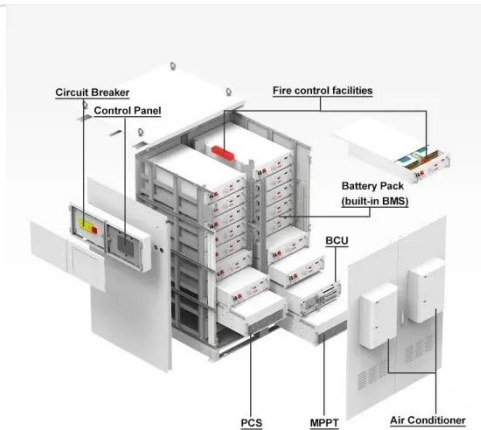
## Solar Space Technologies

Solar Space Technologies is an Australian-based company planning to deliver a solar power satellite into geostationary orbit to supply baseload energy to the Australian grid by 2027



 **LFP 12V 100Ah**

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## Cutting the cost of power in space , Australian Space Agency

Having tested its solar cell technology with spaceflights on Australian and international missions, Extraterrestrial Power is gearing up to manufacture solar cells for customers worldwide - ...

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## Sydney Startup Unveils Ultra-Thin Space Solar Cells--Promising ...

Sydney -- Australian space tech firm Extraterrestrial Power has revealed a breakthrough in solar cell design: ultra-thin, space-grade panels that can be mass-produced at a fraction of current ...

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