

# Solar power satellite factory in Australia



## 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. Ground-based solar power and other sustainable energy options will play a key role in meeting the future energy demands of the Earth. Each of these current renewable options have limitations, in particular intermittency. That is, the sun does not always shine, the wind does not always blow, and. The Australian Renewable Energy Agency (ARENA) has today announced up to \$151 million in conditional funding under the Australian Government's \$1 billion Solar Sunshot Program (Solar Sunshot) for the establishment of a 500 MW per annum solar module manufacturing facility in the Hunter Valley, NSW. If you're interested in the Space market, also check out the top Satellite Imaging & Booming Market: Australia's space sector is worth about A\$8 billion annually, nearly double its value of A\$4-5 billion in 2018 Lukegosling Gov.

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### Space Machines and UTS to build major satellite facility

Adelaide's Space Machines Company has partnered with the University of Technology Sydney (UTS) to create Australia's largest industrial-scale spacecraft manufacturing facility in a ...

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### A big boost for domestic solar manufacturing

With Solar Sunshot backing, this new facility will bring world-leading solar expertise back to Australian shores, reaffirming Australia's strength in solar innovation and positioning Australian ...



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### Home Energy Storage (Stackble system)



-   
High Efficiency
-   
Easy installation
-   
Safe and Reliable
-   
Perfect Compatibility

**Product Introduction**

-  Scalable from 10 kWh to 50 kWh
-  Self-Consumption Optimization
-  Integrated with inverter to avoid the compatibility problem
-  LFP battery, safest and long cycle life
-  Stackable design, effortless installation
-  Capable of High-Powered
-  Emergency Backup and Off-Grid Function

### The new National Satellite Manufacturing Hub will be out of this world

The hub will be a global leader, bringing European satellite manufacturers into Australia and accelerating the upskilling of the regional NSW workforce while providing highly-skilled ...

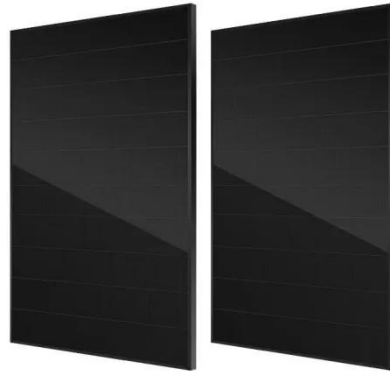
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### Space Tech Company Slashes the

## 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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## CSIRO's Flexible Solar Cells to Power Australia's Largest Satellite

Australia's national science agency, CSIRO, has achieved a significant milestone as its state-of-the-art printed flexible solar cells were successfully launched into space on Tuesday. ...

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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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## 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

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## Delivering a Future Made in Australia with solar manufacturing in

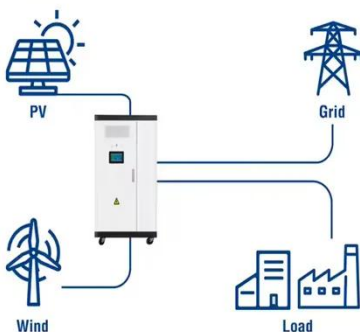
The Albanese Government is building Australia's future by investing in local solar panel manufacturing, with an Adelaide facility securing the first round of funding from the Government's \$1 ...

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## Highvoltage Battery



## Utility-Scale ESS solutions



## Australia's Final Frontier: Inside the Rapid Rise of its ...

Headquartered in Adelaide, ASA now supports hundreds of projects and regulates launches and satellite licenses.

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