

# Pyramid-shaped solar generator

The 3D concave pyramid-shaped solar-thermal architecture enables multiple solar light reflections to absorb more solar energy, while the 3D mirror-assisted solar light enhancement design ...

Engineers from Stanford University (USA) decided to correct this problem and developed a pyramid-shaped lens that can focus light from any angle onto a solar cell, allowing it to store ...

A series of pyramid - structured solar vapor generators were fabricated by 3D printing based on co - electrospinning PAN/CNTs nanofibers. The optimal sample has high light absorptance, excellent ...

Military and Expeditionary Uses: Pyramid solar stills are compact and portable, making them suitable for military operations or expeditions in remote areas. Soldiers, campers, and explorers can use them to ...

Crucially, selective accumulation of the precipitated salts on the back side of the concave pyramid-shaped architecture is realized, ensuring a favorable salt-resistant feature.

These precision made pyramid generators use advanced alloys and antenna design to collect and radiate high levels of PYRAMID ENERGY. The gold anodized aluminum alloy shafts are ...

Herein, a pyramid-shaped 3D solar evaporator that has high evaporation efficiency and the ability to harvest salt was presented. This innovative design aims to effectively address the ...

We designed, built and collected data from a prototype to validate the inverted hexagonal pyramid. The plate was combined with mirrors and a water heating system. We found ease of ...

Herein, for the first time, we demonstrate a highly efficient three-dimensional (3D) mirror-assisted and concave pyramid-shaped solar-thermal water evaporation system for high-yield and...



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