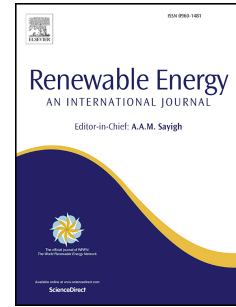


# Accepted Manuscript

Experimental Performance of an Advanced Metal Volumetric Air Receiver for Solar Towers

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## Experimental Performance of an Advanced Metal Volumetric Air Receiver for Solar Towers

### Highlights

- An advanced metal high temperature volumetric receiver has been developed
- The improved performance has been experimentally demonstrated
- In a 500 kW test more than 800°C air outlet temperatures has been reached
- The improved performance has been supported by theoretical calculations

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