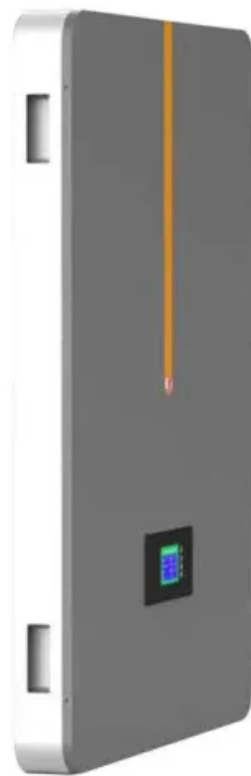


Economical performance of solar thermal power generation system



Overview

This study presents exergoeconomic assessment of two solar-driven combined power and cooling systems. The analysis incorporates detailed thermo-hydraulic design of heat exchangers using actual thermal loads and geometries, ensuring accurate estimation of performance and. With the global energy transition and decarbonization goals, tower-type solar thermal power generation is increasingly important for dispatchable clean energy due to its high efficiency, thermal storage capacity, and regulation performance. Two configurations are. The utilization of concentrating solar-thermal power (CSP) technologies for electricity generation and industrial process heat (IPH) supply is promising due to their cost-effective and efficient solar thermal collection and energy storage.

Economical performance of solar thermal power generation system



Economical Definition & Meaning , Britannica Dictionary

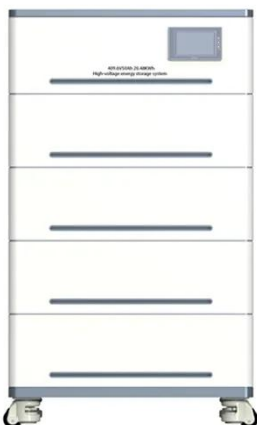
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Economical Definition & Meaning , YourDictionary

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ECONOMICAL definition and meaning , Collins English Dictionary

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