

Title: Conical Magnetic Suspension Solar Generator

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Because a conical motor/generator imposes both radial and axial magnetic forces, it acts, in effect, as a combination of an axial and a radial magnetic bearing.

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Figure 1 shows the outline of the fabricated solar photovoltaic magnetic suspension system including the power supply flow. In this figure, solid and dashed lines represent signal and power flows, respectively.

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The invention relates to a conical-slope magnetic suspension wind-driven generator with suspension rings extending outwardly.

This module directly converts solar heat into electricity. The iron filings kept in the inner tube are heated by solar energy using "Fresnel lenses" (Photo 5 and 6). This can be used to supplement the recharge ...

Abstract Extra low-power magnetic suspension system is achieved using solely solar power. Presently, solar cells have become more efficient and cost-saving year by year. In this work, a solar power ...

This study aims to improve the performance of a rotary table-mounted conical solar still by integrating suspended wick materials with an ultrasonic fog generator to enhance freshwater yield and system ...

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