A Smart Tarking System for the Solar Energy System

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ABSTRACT

ABSTRACT The application of solar energy system is very popular today, such that, it can be used to generate power. However there are lots of Limitations, such as, high cost, low efficiency…etc. Usually, its efficiency is about 11% to 24%. Therefore, how to design a system to enhance its efficiency is very important. The fundamental concepts of this thesis include how to enhance the charge system and how to raise its tranfer efficiency. In this system, a high efficiency DC/DC charger together with a smart tracking system for the solar energy system to enhance its generation efficiency is applied. We convince that this approach will highly enhance its performance and its contribution will be significantly. Key Words: Solar Energy System, Smart Tracking System.

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