

Can photovoltaic solar water pumping systems be sized remotely?

In this context, the main objective of this research is to develop a methodology software application able to size photovoltaic solar water pumping systems for small and relatively poor communities that are remotely located, i.e. isolated from water and electricity networks.

Can solar photovoltaic water pumping systems provide access to safe water?

This article proposes a methodology and open-access software tool for rural off-grid communities and users with little knowledge about solar photovoltaic water pumping systems (SPVWPS) to provide access to safe water for consumption.

What is a combined sprinkler & photo voltaic technology?

The combined sprinkler and environmentally friendly & cost-effective photo-voltaic technology helps to minimize the usage of electricity and water. 1. Introduction Energy consumption is growing at a rate of approximately 1% per year, and at a rate of 5% per year in developing countries ,,

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