

Kongres Container

Tanzania Solar Water Pump Inverter Kit



Overview

Are solar pump systems the future of water pumping in East Africa?

In East Africa in general, and Tanzania in particular, providing energy to (especially rural) areas for water pumping purposes can be logistically difficult and expensive. As such, solar pump systems are rapidly developing to replace old-fashioned, labor or fuel intensive pump systems.

What is a solar water pump system?

As such, solar pump systems are rapidly developing to replace old-fashioned, labor or fuel intensive pump systems. Power Providers installs solar water pumping systems that takes care of the entire pumping process: from pumping water out of the ground to point of end use (drinking, domestic or irrigation).

How does solar water pumping work?

Power Providers installs solar water pumping systems that takes care of the entire pumping process: from pumping water out of the ground to point of end use (drinking, domestic or irrigation). The advantages of using solar as a power source to pump water are plenty. For starters, it needs relatively little maintenance.

Is solar power a good choice for remote water pumping?

The economy, reliability and quality of solar electric power make it an excellent choice for remote water pumping. With water sources scarcely spread, where power lines are few and refueling and maintenance costs are substantial for generator use, solar water pumping has a short return on investment (between 1-5 years).

Can solar power pump water?

The advantages of using solar as a power source to pump water are plenty. For starters, it needs relatively little maintenance. Even in remote locations

you can be assured that your system will function properly and keep doing its job.

Is solar water pumping a good investment?

With water sources scarcely spread, where power lines are few and refueling and maintenance costs are substantial for generator use, solar water pumping has a short return on investment (between 1-5 years). If your water source is >1km from a power line, solar is a favorable economic choice.

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