

What is a solar water pump?

Solar powered pump which running on electricity generated by photovoltaic panels as opposed to grid electricity or fuel run water pumps and air pumps. Our solar water pump systems for a wide variety of applications e.g domestic water supplies, water transfer, irrigation, livestock watering, swimming pools and industrial pumping applications.

Can a Lorentz solar pump help a New Zealand farm?

Remote water sources will never again be a problem for New Zealand farms. With a Lorentz solar pump, you can draw water from anywhere and any source, or work with an irrigation system you already have and operate. With efficient water supply and management in place, good land is used to its full capacity.

Does Cambridge water pumps have solar water pumping systems?

Cambridge Water Pumps has the solar pumping systems to cater to your needs. Using the latest in borehole submersible technology and a series of photovoltaic panels to capture the sun's energy. Solar Water Pumping System installed near Pokeno. Our submersible pumps can either be placed in a pre-drilled bore hole, stream, dam or large water tank.

Who makes able solar water pumps?

Dedicated to optimal efficiency and delivering a complete solution, Able Solar uses and supplies Lorentz solar water pumps - a leading manufacturer and global leader in solar-operated pump systems. Each solar-powered water pumping system is made up of a Lorentz pump end, brushless, 3ph pump motor and a controller.

What are the best water pumps NZ has to offer?

The best water pumps NZ has to offer makes use of solar power systems. Increase the supply of water and benefit from the abundance of clean, alternative energy with Lorentz pumps. If you have an excellent water source within your farm that's beyond the reach of any power source, it might well be worth a look.

What does a solar powered pump do?

The primary function of a solar powered pump is to supply water to high country farms. Well reticulated and accessible water on a stock farm will increase stock numbers, slaughter weights and lambing and/or calving percentage. Please refer to our Resource pages for a complete list of documents.

Solar powered water pumps are a clean, environmentally friendly option, easy to maintain and suitable for sites without all-weather access. We've installed solar powered water pumps and ...

Mar 16, 2022 · SOLAR WATER PUMPS Using solar to pump water is still a relatively new concept on small farms, but they have huge potential to transform your farm yields, save you money ...

2 days ago · The free guide, published together by the Global Water Center, Water Mission and UNICEF, provides detailed guidance on all technical ...

However, heat pump water heaters (HPWH) are still an emerging technology -- particularly in the residential market. There are only an estimated ...

Cambridge Water Pumps specialize in the design and installation of Solar powered water pumping systems for remote locations around the ...

Aug 2, 2024 · Solar water pumps (SWPs) were selected as a LEIA focus technology due to the immense potential for productive use and agricultural productivity. Forty percent of the global ...

Off-Grid. On-Budget. Solar Pumping Solutions. Looking for a reliable, cost-effective solar pump system? Whether you're on a farm, rural block, or commercial site -- Think Water can design, ...

Mar 16, 2025 · New Zealand's solar equipment supply capability New Zealand has several solar equipment suppliers focusing on different equipment categories, including solar panels, solar ...

ABSTRACT Many Pacific Island Countries face water security challenges, and this is expected to worsen due to the impact of a changing climate. In response to this challenge, the Tarawa ...

Oct 27, 2025 · This work focuses on the design; fabrication and testing of water pump system powered by a solar photovoltaic (P.V) panel. Two 12V, 17AH battery was incorporated in the ...

At Meridian we have a pipeline of renewable electricity projects underway to help New Zealand maintain its security of supply and meet its climate ...

Solar water pumps Specialising in "Mains Free" solar water pumps, allowing customers to beat the high installation and electricity cost and add water to otherwise dry areas. NO JOB TOO ...

3 days ago · Explore the efficiency of Lorentz Solar Water Pumps for your New Zealand farm. Customisable and eco-friendly solutions. Call now or request a free quote.

Apr 19, 2024 · Scope This document gives detailed instruction of all technical topics pertinent to the design and installation of solar powered water systems within the rural water supply ...

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