

Myanmar Solar Irrigation System



Overview

The project, funded with over 2.7 billion kyats starting from the 2024-2025 fiscal year, supplies irrigation water to 200 acres of farmland using solar energy. In Myanmar, the limited access to energy is leading 370,000 farming households to use diesel water pumps for irrigation. That reduces substantially their. A low cost solar powered irrigation system for a 0.81 hectare farm in the Central Dry Zone of Myanmar was designed for growing green gram during the dry season and monsoon rice during the rainy season. A NPV of \$3,518 with a 5% discount rate and LCOE of \$0. Our (ZPE) is full service provider for clean energy enterprise which specializes in calculating, designing and installing or constructing for commercial, residential, large scale solar project and solar pumping system. The projects use solar-powered water lifting systems and mechanized wells to ensure enough water for summer, monsoon, and winter crops across over.

Myanmar Solar Irrigation System



Unleashing a solar irrigation pump revolution for smallholder

A low cost solar powered irrigation system for a 0.81 hectare farm in the Central Dry Zone of Myanmar was designed for growing green gram during the dry season and monsoon rice during the rainy season.

The UNDP Myanmar Village Solar Water Supply Project Selected ...

From June to July 2023, construction and installation of solar water pumping systems in 20 villages funded by UNDP were completed in Myingyan and Nyaung U counties in central Myanmar. The project uses the ...



Zaburitz Pearl Energy Co., Ltd (ZPE), Solar Energy Myanmar

Zaburitz Pearl Energy Company (ZPE) provides Hybrid Solar Power Solution, On/Off Grid Energy Solution, Commercial & Residential Energy Storage Solution and Solar Pumping System (Agriculture And Irrigation ...



Agricultural Development : Solar irrigation projects to support farming

The projects use solar-powered water lifting systems and mechanized wells to ensure enough water for summer, monsoon, and winter crops across over 38,000 acres. So far, several wells have been ...



Solar System water Pump Irrigation Projects (IWUMD)

The use of solar systems in irrigation water can be used as a renewable energy source and there is no depletion of resources. no air pollution, supporting the preservation of the environment; lower electricity bills; reduced ...

Agrosolar , Solar irrigation systems for smallholder

farmers in Myanmar

Agrosolar distributes sustainable and affordable solar powered irrigation pumps helping farmers to replace their diesel pump, save up to USD \$45 per month (30% of their operational costs), double their yields and ...

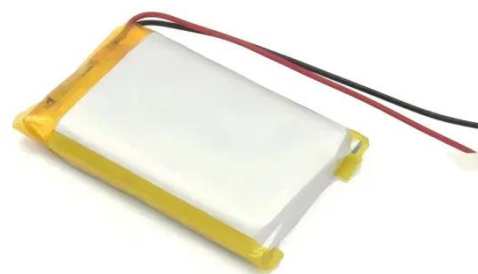


Kanmalay solar-powered pumping for irrigation project to cover 300

The component of the solar-powered pumping system is three 75kW submersible pumps with retaining and irrigating networks. The project includes a two-mile long irrigation network, 99 canals and a 170kW solar ...

Solar Energy Farming for Sustainable Agriculture and Rural ...

The objective of this report is to check the economic feasibility and viability of solar pump against diesel pump for the cultivation when the environmental impact are valued and inserted in to the CBA.



Agrosolar: An Innovative Take

on Integrated Energy Saving Technology



Agrosolar designs, distributes and finances solar-powered irrigation pumps to provide smallholder farmers with a sustainable and affordable alternative to conventional fuel pumps.

Agricultural Development: Solar-Powered Irrigation Project in

The project, funded with over 2.7 billion kyats starting from the 2024-2025 fiscal year, supplies irrigation water to 200 acres of farmland using solar energy. During the visit, officials explained the project's ...



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