

ContainerPower Energy Solutions

Solar irrigation system in Zimbabwe

LiFePO₄

Wide temp: -20°C to 55°C

Easy to expand

Floor mount&wall mount

Intelligent BMS

Cycle Life:≥6000

Warranty :10 years



Overview

This pilot program, rolled out across 50 rural villages, delivers water directly to plant roots using sunlight-powered systems, cutting waste, conserving energy, and increasing yields. The goal is simple but urgent. Help smallholder farmers grow more crops despite rising heat and less.

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A new government pilot brings solar-powered drip irrigation to 50 villages, helping farmers manage drought and grow more with less. Zimbabwe's agriculture sector has long faced challenges from climate change, unpredictable rainfall, and power shortages. In 2025, the Ministry of Agriculture.

IWMI has a track record for developing affordable, climate-smart irrigation solutions, targeting the context-specific needs of smallholder farmers in the Global South. By Owen Mudadisi (VhatTech Blue), William Madudike (VhatTech Blue) & Nilu Rajapakse (IWMI) Drip lines at the Makonde irrigation.

Zimbabwe is accelerating agrifood systems transformation through a suite of digital and climate-smart innovations that strengthen food security, boost productivity, and improve resilience to climate shocks. With coordinated support from the Food and Agriculture Organization of the United Nations.

This is where solar-powered drip irrigation systems emerge as a revolutionary force, empowering agriculture with sustainable water management and the potential to unlock significant economic benefits. Precision at the Root: Unlike flood irrigation that douses entire fields, drip irrigation delivers.

Forster Irrigation proudly celebrates four decades as Zimbabwe's trusted "Water Specialists." Since 1985, we've been at the forefront of providing high-quality irrigation systems for sustainable development across the nation. Our 2025 Catalogue marks our 40th Year Edition, showcasing our expanded.

Zimbabwe's agricultural sector is increasingly adopting solar-powered irrigation systems to enhance productivity and sustainability. These systems utilize the country's abundant sunlight to provide a reliable and cost-effective water supply for farming, addressing challenges such as inconsistent.

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