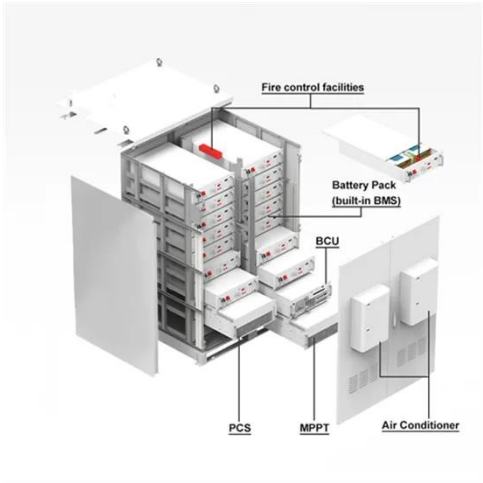
Automatic Photovoltaic Containerized Irrigation Equipment for Agricultural Irrigation Government Procurement

Overview

The objective of this work is to develop an intelligent and automated irrigation system using solar energy to power the pivot and controlled remotely via a user-friendly Android application. By combining Weipu's waterproof connectors with E-abel's outdoor electrical enclosures and control panels, we deliver a. GVS is a mobile solar irrigation system capable of generating energy required for its operation. The GVS artificial intelligence software allows to control the operation in a comprehensive and autonomous way through Big Data with field measurement sensors. The sustainability of SPIS greatly depends on istribution of irrigation water. SPIS can be applied in a wide range of scales, from individual or community vegetable gar erent parts of a farm or scheme. It's an ancient practice that dates back thousands of years – think of the elaborate systems used by ancient civilizations like the Egyptians along the Nile. But modern irrigation systems have taken. This model uses sunlight to generate electricity while growing crops or raising livestock. It creates dual revenue: farmers sell both clean power and agricultural products.

Automatic Photovoltaic Containerized Irrigation Equipment for Agri



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KEY MESSAGES SPIS can reduce GHG emission from irrigated agriculture and enable low-emission irrigation

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GVS , Solar Irrigation System

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