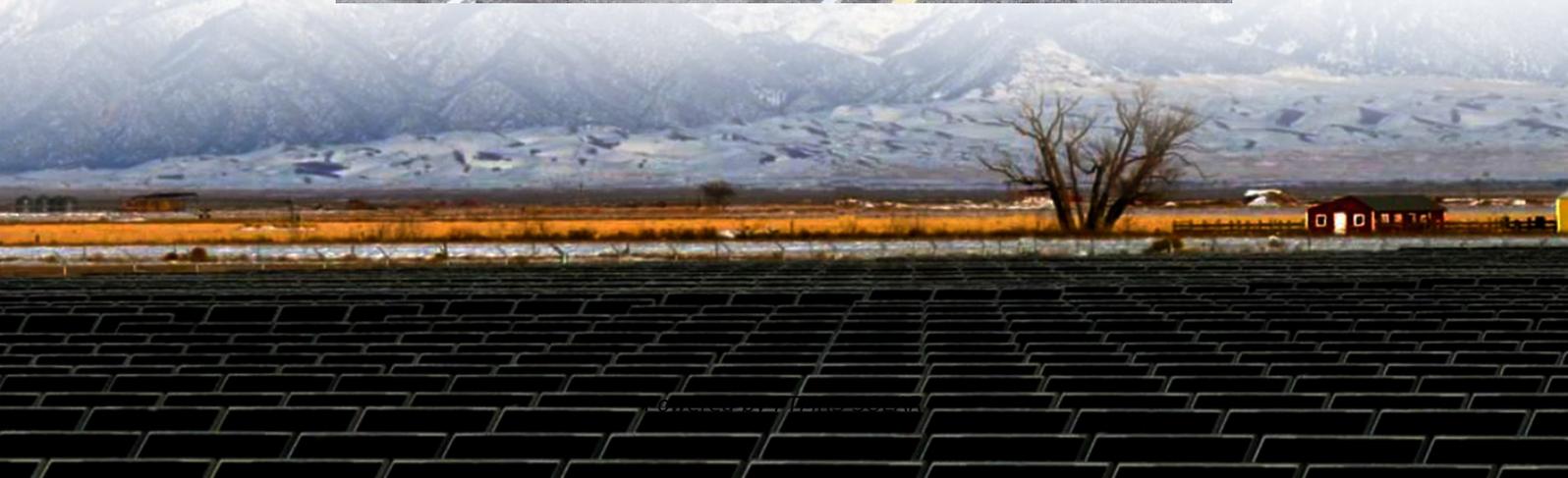
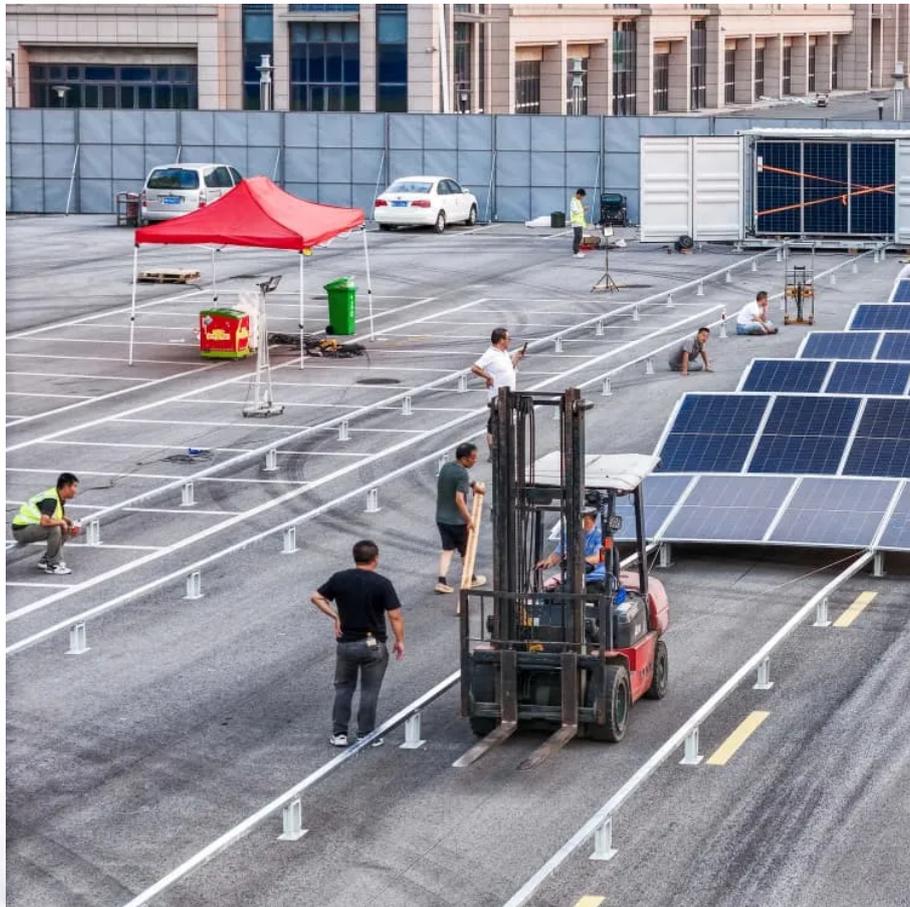


Automatic Solar-Powered Containerized Type for Water Plants





Overview

What is a solar powered plant watering system?

Automated Solar Powered Plant Watering System Model The automated plant watering system is powered by the solar power system. The temperature and humidity levels surrounding the plant area will be measured using temperature and humidity sensors. The soil moisture content will be determined by moisture level sensors.

What are the different types of automatic watering systems?

These systems come in various types, from drip irrigation to sprinkler systems, each suitable for different garden types. With the right automatic watering system, we can enjoy a healthy garden while also conserving water. The best systems can adjust to specific plant needs, making them practical and efficient.

What is automated plant watering system?

The proposed model of automated plant watering system is shown in Fig.1. It consists of sensors, microcontroller, solenoid, relay, OLED display module and water pump, which will be discussed in detail. Fig.1. **Automated Solar Powered Plant Watering System Model** The automated plant watering system is powered by the solar power system.

How a solar-powered automatic plant watering system works?

Actual Product of Solar-powered automatic plant watering system with a sensor the effective utilization of water. Primarily, the device was tested using Munggo in an open area with clear access to sunlight to ensure that it operates reliably and efficiently. The researchers would set the device in a wide area for testing and observation.



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