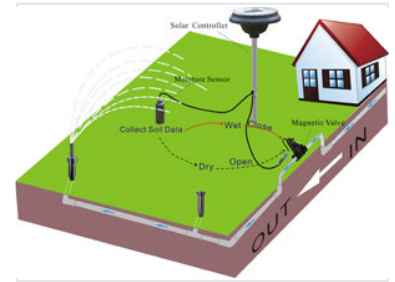


# Solar Powered Moisture Controlled Irrigation System

This system uses a moisture sensor to monitor soil conditions and a controller to analyze the data. The controller then automatically opens or closes a magnetic valve to regulate irrigation.



## Overview

### Smart Irrigation Solution

This solar-powered irrigation system is designed for backyard organic vegetables, fruit trees, and green lawns. By utilizing moisture sensors to analyze soil conditions, the system automatically manages magnetic valves to ensure precise irrigation, saving water and reducing maintenance. It is compatible with both new and existing drip or sprinkler pipe systems, providing a trouble-free solution for optimal plant health.

## System Versions

### Model Specifications

Model	Functionality	Price (USD)
GG-001B	Moisture Controller	192.29
GG-001C	Moisture & Timer Controller	192.29
GG-001D	Standard Controller	70.17

## Technical Details

Power Source	Solar panel with rechargeable battery
Valve Compatibility	1 inch, 2 inch, 3 inch, Latching Magnetic Valves
Installation	Compatible with existing or new drip and sprinkler irrigation pipe systems

## Features

### Key Benefits

- Automatic irrigation based on real-time soil moisture levels
- Water and cost savings through precise moisture control
- Environmentally friendly operation
- Weather-adaptive moisture regulation