

Simple solar drip irrigation system





Overview

Does a solar power drip irrigation system use less water?

Not only does the drip irrigation system use less water, we also run the system pump on 100% solar power. The cherry on top is putting the pump on a timer, making the task of garden watering fully autonomous. You may be intimidated about setting up a solar power drip irrigation system, but it's not hard at all.

How to design a drip irrigation system?

Take note of dimensions and unmovable structures and objects.

Considerations for designing your drip irrigation system: The easiest route is designing a rectangular garden with straight rows, which suits most gardening situations. This step is interchangeable with step one as water is the ultimate dictator of how and where your garden will be.

What zones does a solar powered drip irrigation system serve?

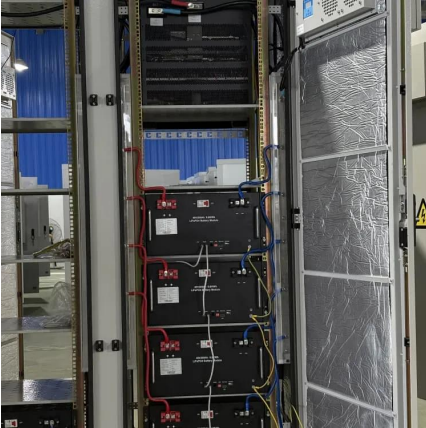
Our new solar powered drip irrigation system serves four zones: 1) fruit trees on terraces 2) drought-tolerant shrubs on terraces 3) trees and shrubs along the fence line 4) lower pollinator shrub area (yet to be planted here). Below is a list of all the supplies we used to set up our solar powered drip irrigation system.

Does a drip irrigation system reduce watering time?

We just installed a drip irrigation system this year into our garden, and it has cut our watering time down by 90%. Our drip irrigation system uses way less water than a traditional sprinkler system, as the water is distributed directly on the plant and absorbs into the root system quickly.



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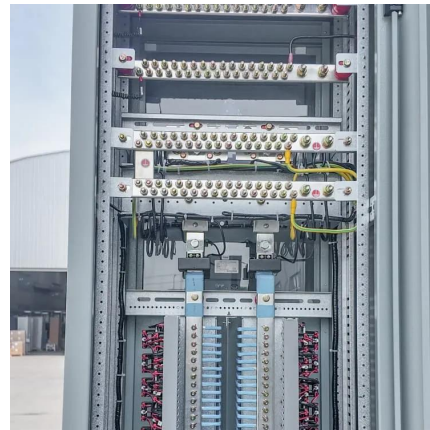


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