

20-foot photovoltaic container for agricultural irrigation





Overview

What is a solar irrigation system?

Irrigate using 100% solar energy at constant flow and pressure in large areas. Maintain the soil at field capacity throughout the crop production in an economically viable manner. Irrigate directly using groundwater without the need of water storage. To be a mobile solar generation system that can move with the irrigation equipment.

Why should you choose a mobile solar irrigation system?

Our mobile solar irrigation system generates the energy necessary for sustainable irrigation, combining: Data Intelligence & Big Data; Remote Monitoring; Versatility and autonomy. Plus, it's 100% mobile – easy to move, install, and handle. Find out why choose us on this video. Systems: Pivot or Drip Irrigation.

How big is a GVS irrigator?

Irrigation area: Up to 80 ha (200 acres) (Limited by water availability) for each GVS (Extensible with GVS clusters). Maximum Pump Power: 60 HP / 44.7 kW. Required Installation Area: 90m x 10m / 300 ft x 32 ft. Mobile: all equipment is folded in a standard 20 ft ocean container. Technology: Siemens imported from Germany.

What is GVS irrigation?

GVS generates a paradigm shift in current irrigation systems, providing the crop with the water it needs when it needed, based on information and not human perception. The objective is to keep the soil at field capacity throughout the crop, avoiding last minute irrigations that are not very effective and efficient.



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GVS , Solar Irrigation System

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 ...

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