



**GETON CONTAINERS**

# **80kWh Solar Container for Agricultural Irrigation**





## Overview

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Are solar-powered irrigation systems the future of Agriculture?

With the growing challenges of climate change, water scarcity, and increasing energy costs, farmers are searching for efficient and eco-friendly solutions to maintain crop production. One of the most promising advancements in agricultural technology is the solar-powered irrigation system.

What is a solar-powered irrigation system?

Solar-powered irrigation systems (SPIS) are a clean technology option for irrigation, allowing for the use of solar energy for water pumping, reducing greenhouse gas (GHG) emissions from irrigated agriculture, and substituting fossil fuels as an energy source. SPIS's long-term viability is highly dependent on how water resources are managed.

What are the benefits of a solar-powered irrigation system?

Irrigation in remote areas – Unlike traditional electric or diesel-powered pumps, solar-powered systems work in off-grid locations, ensuring water access where conventional infrastructure is lacking. Eco-friendly – Solar energy is a clean, renewable resource, reducing carbon emissions and promoting sustainable farming.

Are solar powered irrigation systems a viable alternative energy source?

Solar powered irrigation systems (SPIS) provide reliable and affordable energy, potentially reducing energy costs for irrigation. Particularly in rural areas, where cost of diesel fuel is high or where reliable access to the electricity grid is lacking, they can provide a relatively flexible and climate-friendly alternative energy source.



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In the agricultural sector, solar-powered irrigation can be particularly successful to overcome the frequently occurring energy shortages causing disruption of supply needed for lifting and ...

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In the agricultural sector, solar-powered irrigation can be particularly successful to overcome the frequently occurring energy shortages causing disruption of supply needed for lifting and distributing irrigation water. ...

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A solar irrigation system is an energy-efficient solution designed to supply water for agricultural use using solar power. It is ideal for farms, gardens, orchards, and remote areas where electricity is unavailable or unreliable. ...

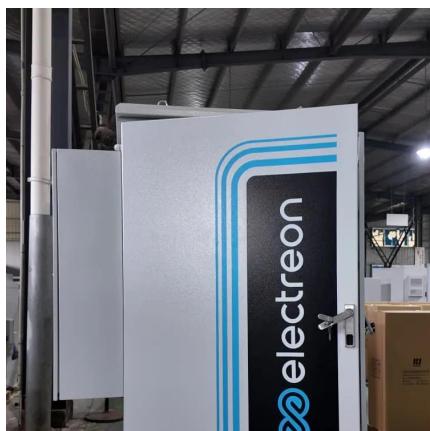
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When it comes to agriculture, reliable energy is just as critical. EGE has had several projects with solar-pumps for irrigation, refrigeration for harvested crops, in Tunisia ...



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## [Solar-Powered Irrigation Systems: An Asset For The Future](#)

Solar-powered irrigation systems (SPIS) are a clean technology option for irrigation, allowing for the use of solar energy for water pumping, reducing greenhouse gas ...

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## [Solar Powered Irrigation: A Sustainable Solution For Agriculture](#)

In this blog, we'll explore how solar-powered irrigation works, its advantages, components, and the different types available. Advantages of a solar powered irrigation ...

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