

ContainerPower Energy Solutions

Brazil's solar irrigation system



 **LFP 280Ah C&I**



Overview

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The solution: Solar-powered irrigation systems are a potentially efficient, economical, and sustainable solution for agriculture. They provide more stable agricultural production and reduce food waste. Increased productivity: Studies show that irrigated land can yield significantly more crops.

Solar energy has been a great ally for rural producers, optimizing electricity costs, increasing productivity and favoring sustainability in rural activities. An example of this is the three-pivot irrigation system implemented on a rural property in the southwest of Goiás, around 300 km from.

In 2018, Brazilian Decree 9642 eliminated discounts for rural consumers, established in 2013. Leveraging renewable energy sources for irrigation can mitigate nonrenewable energy dependence and reduce the electricity costs for irrigators. This study aimed to nationally compare the economic viability.

In Piauí, Brazil, Farm Camaratuba is located in a semi-arid region, making production of livestock fodder difficult. Thus, there is a need to transport a large amount of fodder to the farm. A 150KVA diesel generator was used to pump water from a 150ft deep tubular well into an irrigation system.

How does 6Wresearch market report help businesses in making strategic decisions?

6Wresearch actively monitors the Brazil Solar Powered Irrigation System Market and publishes its comprehensive annual report, highlighting emerging

trends, growth drivers, revenue analysis, and forecast outlook. Our.

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