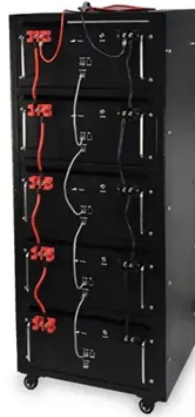




Morocco solar drip irrigation system



Overview

Thanks to the support of atmosfair, since June 2020 farmers in various rural areas of Morocco are able to run their irrigation pumps, previously powered by fossil fuels, with solar energy. This allows them to manage their farms in a sustainable and climate-friendly way. Depending on their water needs, farmers can choose between a small solar system with 9. With agriculture consuming approximately 80% of the nation's mobilized water resources. Morocco is experiencing fluctuations in water availability exacerbated by the impacts of climate change, resulting in declining rainfall, groundwater depletion and alarming degradation of water resources. The World Bank-funded Large Scale Irrigation Modernization Project is fostering the adoption. Now Moroccan farmers use solar microgrids and energy storage equipment instead of diesel water pumps, even in remote areas, they can use electricity more stably, irrigation is more reliable, and they can save a lot of money. These innovations have proven particularly effective for crops like zucchini and onions, despite the.



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