

Uninterrupted power supply and lightning protection for Kenyan solar container communication stations





Overview

This research presents the architectural design and implementation of a solar photovoltaic-based uninterruptible power supply (Solar UPS) that synergistically integrates solar energy harvesting, energy storage, and real-time load management to ensure uninterrupted AC power delivery.



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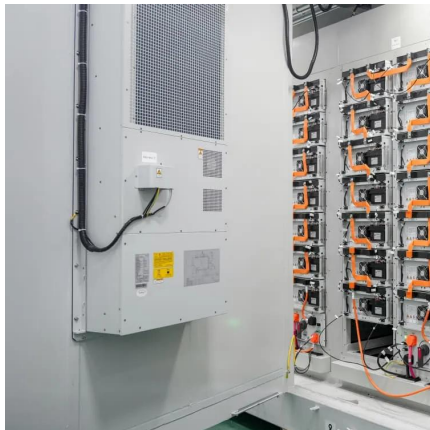
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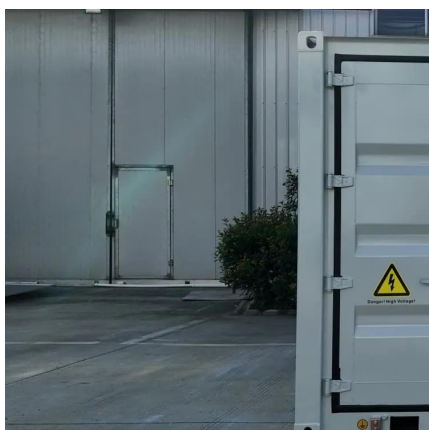


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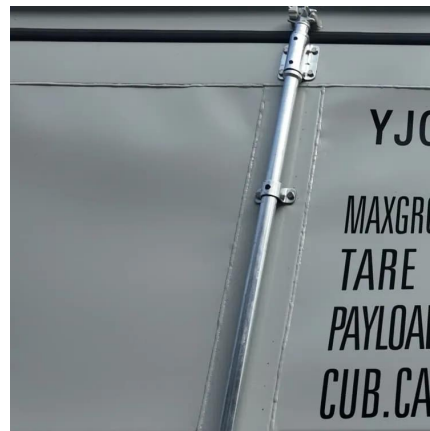


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