

## Off-grid photovoltaic power generation system architecture

To address the issues of low efficiency and high costs in off-grid photovoltaic (PV) hydrogen production systems, this study proposes a novel high-efficiency architecture along with a ...

In this paper, an off-grid PV hydrogen production system is designed, comprising PV modules, an electrolyzer for hydrogen generation, and a BESS. A coordinated control strategy that ...

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