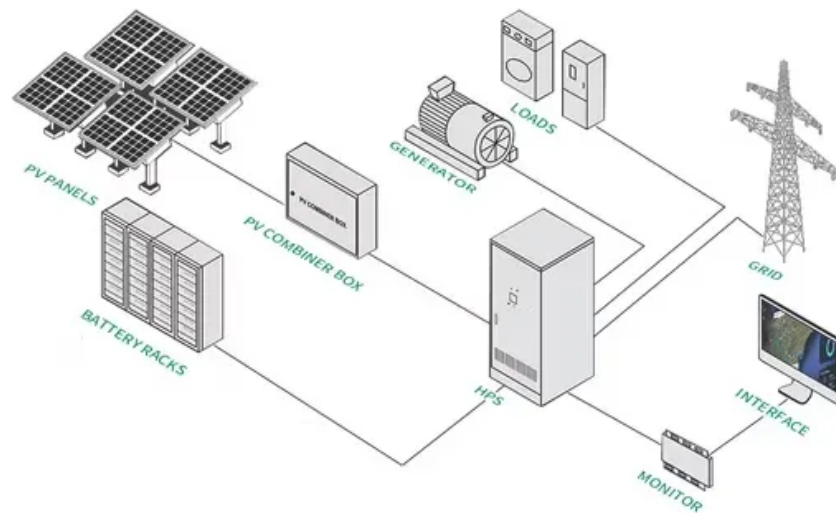


Sao Tome and Principe Behind-the-User Energy Storage Project





Sao Tome and Principe Behind-the-User Energy Storage Project

- LiFePO₄ Battery, safety
- Wide temperature: -20~55°C
- Modular design, easy to expand
- The heating function is optional
- Intelligent BMS
- Cycle Life: > 6000
- Warranty: 10 years



[Sao Tome and Principe's Energy Storage Revolution: Powering ...](#)

That's Sao Tome and Principe's current energy reality. With 95% of energy imports costing \$28 million annually [3], the twin-island nation desperately needs sustainable solutions.

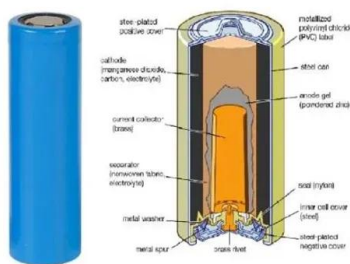
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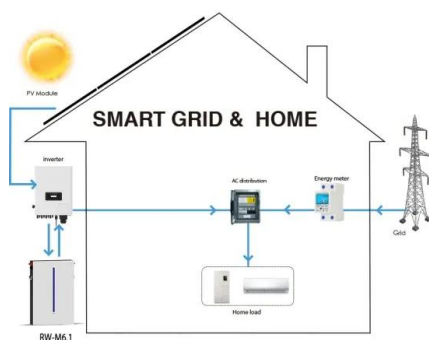
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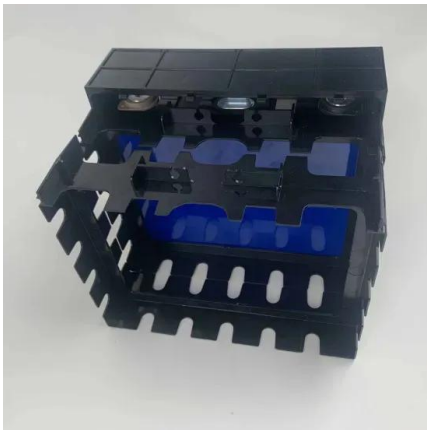
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Based on nine different scenarios, this is divided into 70GWh of pumped storage and 40-120GWh of battery energy storage systems, and excludes heat storage and power-to-fuel systems.

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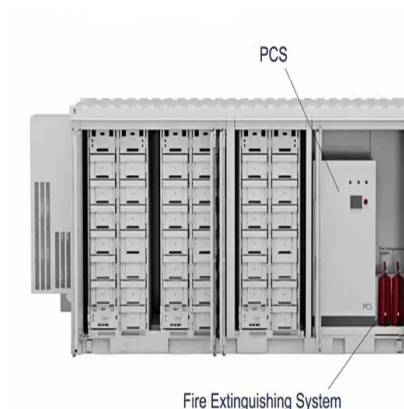
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