

Portable pv container off-grid project cost in Burundi





Overview

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Table 3 presents the capital cost assumptions for the Project.¹⁴ It is assumed that the project assets will be depreciated via straight line depreciation over its 20-year lifetime at a rate of 5% per year. TABLE 3. Capital cost assumptions 14) The mini-grid capital costs include the cost of the.

Reliance on grid alone is prohibitively expensive. The recently finalized power sector masterplan estimated investment needs of US\$661 million in the next 5 years to reach the Government’s goal of 30% of electricity access in the country by 2030. To-date, the government has not been able to.

access. The government, in a bid to boost electrification efforts has integrated into its Plan National de Développement (PND) 2018-2027, an energy strategy with 3 objectives: ensuring sustainable and inclusive growth for economic resilience and sustainable development, developing appropriate.

ENERSOL and ETRAVE set up the off-grid PV system and all electrification for each building, including installation of switches for each light and power plugs. Each of the 40 health centres was installed in one day (around 17 panels and 16 batteries, as well as around one km of cables, 50 LED bulbs.

The average residential electricity tariff in Burundi is among the highest globally, reaching up to 0.31 \$/kWh for higher consumption levels. ² For commercial consumers, rates range from 11.1 to 22.7 \$/kWh, depending on usage. ³ The electricity supply system in Burundi suffers from high technical.



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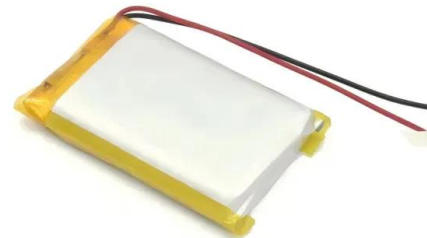
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All the work was done in two months on site, and lasted around six months from the signature to the reception. The cost of the project was around 1,300,000 EUR and was financed by the European Union (10th European Development Fund).



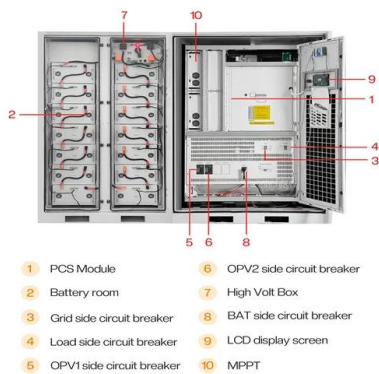
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