

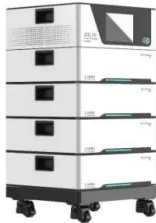
# Lesotho battery grids





## Lesotho battery grids

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### EDFI ElectrIFI and REPP is to Bring Energy Access to 20,000 People ...

The equity-and-debt investment into the project vehicle, Sotho Minigrid Portfolio SPV, will fund the construction of a portfolio of 11 mini-grids in Lesotho with a total capacity of 1.8MW. Once built, the mini-grids will provide first-time electricity access to 20,000 people and enable seven health clinics to benefit from renewable energy.

### LESOTHO: EDFI ElectrIFI and REPP release EUR8.8 million ...

Funding for this project will provide 11 rural communities in Lesotho with solar photovoltaic mini-grids connected to battery storage systems. These installations will have a combined capacity of 1.8 MWp, or 3,480 MWh ...



### OnePower

OnePower Lesotho PTY Ltd has been developing Lesotho's first solar-battery mini-grid at the village of Ha Makebe in the Berea district, and is now ready to design, procure the equipment, build and operate a portfolio of up to 11 mini ...

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### **REPP signs new mini-grid deal in Lesotho**

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### **Electrifi Expands Investment in Sotho Minigrid Portfolio to ...**

This follow-on investment will enable the project company to expand and complete the distribution network for its portfolio of solar-battery mini grids, providing first-time access to electricity to more than 9,100 households (c. 32.800 beneficiaries), 68 schools, 20 clinics, and 470 SMEs across rural Lesotho. 7 health clinics



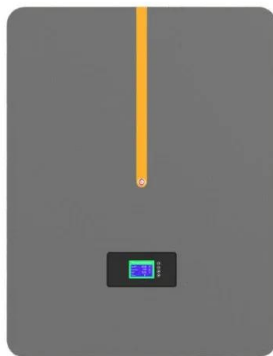


have also been

## SOLAR PV MINIGRIDS FOR ENHANCING ELECTRICITY ACCESS IN LESOTHO

Solar PV mini-grid technology is a suitable option for rural electrification in Lesotho due to the country's abundant solar energy resources. Lesotho relies heavily on biomass and imported fossil fuels for energy. Switching to solar ...

- LiFePO<sub>4</sub> 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



## Ha Makebe solar mini-grid pilot project, Lesotho

Successful pilot hybrid solar PV mini-grid in Lesotho paves way for a further 10 mini-grids that will provide first-time energy access to 30,000 people and clean power to seven health clinics.

## LESOTHO: EDFI Electrifi and REPP release EUR8.8 million for

Funding for this project will provide 11 rural communities in Lesotho with solar photovoltaic mini-grids connected to battery storage systems. These installations will have a combined capacity of 1.8 MWp, or 3,480 MWh per year, and will be equipped with mini-grids capable of connecting 7,300 households, as well as small businesses and utilities.



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### ElectriFI Expands Investment in Sotho Minigrid Portfolio to ...

This follow-on investment will enable the project company to expand and complete the distribution network for its portfolio of solar-battery mini grids, providing first-time ...



### Backing for solar-plus-storage mini grids in Lesotho

A coalition of organisations has backed a plan to install 11 "solar-battery" mini grids in Lesotho which will have a combined generation capacity of 1.8MW. An announcement of the project on the website of the EU's EDFI Elecrifi organisation did not specify what battery storage capacity the mini-grids would have.

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