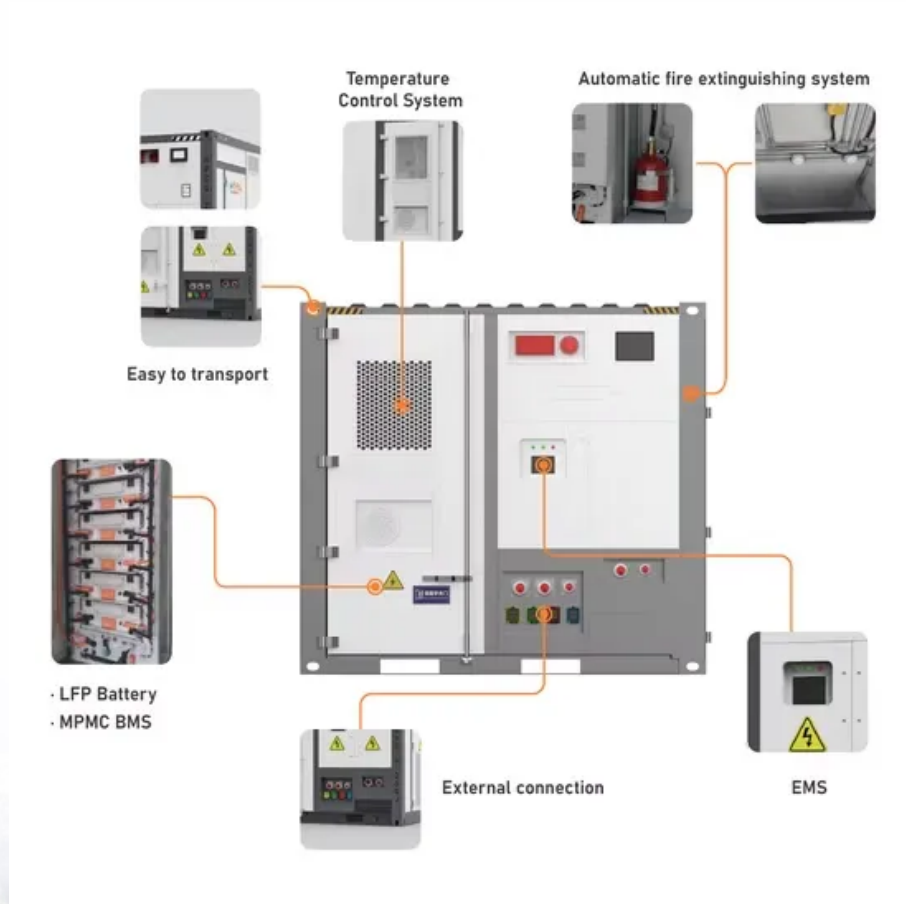


SolarInnovate Energy Solutions

Dakar energy storage photovoltaic power generation installation



Overview

Africa REN has commissioned a 16 MW solar plant with 10 MW/20 MWh of battery storage in northern Senegal, billed as the first grid-connected solar-plus-storage facility in West Africa. What is Senegal's first large scale solar-plus-storage project?

The \$40 million projects will be the country's first large scale solar-plus-storage project. Energy Resources Senegal (ERS) has signed an agreement with South Africa-based investment firm Climate Fund Managers (CFM) for the co-development of a solar power plant in Niakhar, Senegal.

How much solar power does Senegal have?

According to the latest statistics from the International Renewable Energy Agency, Senegal had an installed PV capacity of 134 MW at the end of 2019. Most of this capacity comes from large scale PV, but several off-grid projects were also built in the country over the past years.

What will be the first solar power infrastructure integrating storage?

The project consists of a 30 MW photovoltaic power plant combined with a battery system with a capacity of 15 MW/45 MWh. According to the investor, this will be the first solar power infrastructure integrating storage in the country.

Dakar energy storage photovoltaic power generation installation



Review on photovoltaic with battery energy storage system for power

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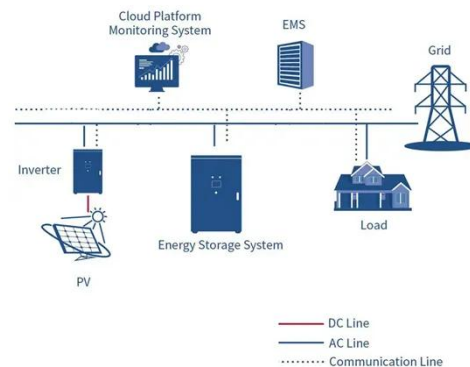


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