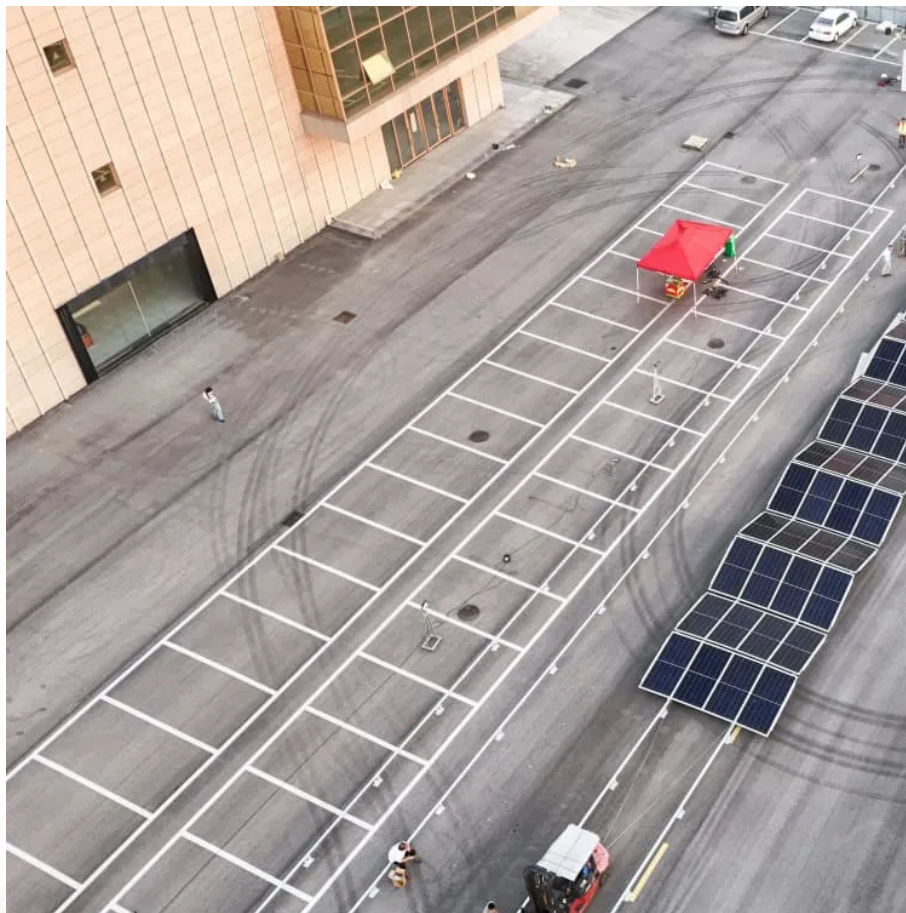


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Madagascar s cheap solar module equipment is affordable



Overview

What is a solar energy project in Madagascar?

The project will develop decentralized and digital electricity infrastructure based on renewable energies in the north of Madagascar. The installation of nano-grids supplied with energy by solar panels will allow nearly 40,000 users to have access to electricity.

Can off-grid solar energy be used in Madagascar?

Recognizing that large parts of the country may remain beyond the reach of the national grid, the government of Madagascar is embracing the potential offered by off-grid solar technologies. Thus, the strategy targets, among other things, the deployment of mini-grids and the extension of off-grid solar energy.

Does Madagascar have a solar market?

Owing to the large population size and limited access to the grid, Madagascar has a large addressable market for solar solutions with a potential customer base of 2.5 to 5 million households for solar lamps and market-entry solar home systems.

Is decentralised solar power a cost-effective way to power Madagascar?

A costly expansion of the national electricity grid is a long way off and not the most cost-effective way either. Madagascar is one of the sunniest countries in the world with more than 3,000 hours of sunshine per year, so decentralised solar power supply to rural areas is not only easier but also cheaper.

Are solar products taxed in Madagascar?

Solar products have import duty from 5% to 20% and 20% Valued Added Tax (VAT) of the cost of goods. In 2020, the French bank, La Société Générale launched an energy access fund in Madagascar¹⁷.

Does Madagascar have a power supply at night?

Lithium-ion batteries also provide power at night. Madagascar is the largest island state in Africa and the fourth largest island in the world. With the equivalent of 440 US dollars a year¹, the annual gross national income per capita is far below the average of the other African states south of the Sahara.

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