

# Nissan Solar Power Generation Franchise



## Overview

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YOKOHAMA, Japan — Nissan today announced that it will showcase a prototype vehicle equipped with an onboard solar power generation system at this month's Japan Mobility Show 2025. Named the 'Ao-Solar Extender,' the system has been installed on Japan's top-selling EV. EV users and fellow engineers: Bringing these folk together, Nissan engineer Junichi Inoue works to advance technological innovation with a focus on co-creation. Through combining his own experience in EV development and his team members' expertise, he is shaping a user-centric EV future through. Extendable, roof-mounted solar system installed on Nissan Sakura Kei EV. System harnesses sunlight to add up to 3,000 km<sup>1</sup> of driving range annually. Project seeks to reduce dependence on the grid and enable effortless charging. With the advent of EVs. Nissan has officially revealed a solar-powered version of its best-selling Sakura electric car. Debuting as the Ao-Solar Extender Prototype at the 2025 Japan Mobility Show, this new concept adds a roof-mounted solar system capable of generating up to 500 watts of power — enough for approximately.

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### [Promotion of Renewable Energy , Sustainability , Nissan Motor](#)

Nissan's Promotion of Renewable Energy: Nissan has been striving to address environmental issues and create social value to achieve the ideal society that Nissan envisions: a symbiosis of people, ...

### [Nissan Sakura solar power: Unique 3,000 km Range Boost](#)

Nissan has revealed a groundbreaking solar-powered prototype of its popular Sakura electric car, featuring an innovative roof-mounted solar panel system that could significantly extend ...



### [Nissan Ao Solar EV soaks up the sun to recharge its batteries](#)

Nissan to unveil the Ao Solar Extender concept with a slide-out solar roof. The extendable panel nearly doubles solar area, boosting charge-free driving range. Added mass and ...



### [Nissan Sakura Ao-Solar Extender 2025 -- Specs, Range, Price](#)

Debuting as the Ao-Solar Extender Prototype at the 2025 Japan Mobility Show, this new concept adds a roof-mounted solar system capable of generating up to 500 watts of power -- ...



[Nissan's Solar-Powered EV Can Charge Itself--Even While Driving](#)

Nissan is showing off a prototype electric vehicle equipped with an onboard solar power generation system at the Japan Mobility Show (nee Tokyo Motor Show) that opens this week.

[Nissan's Sakura gets a solar boost: Introducing the 'Ao-Solar extender'](#)

Nissan today announced that it will showcase a prototype vehicle equipped with an onboard solar power generation system at this month's Japan Mobility Show 2025.



[Nissan Reveals Roof-Mounted Solar Panel](#)

Installed on a Nissan Sakura, the Japanese automaker designed the system to minimize drag, reduce grid dependency, and simplify electric vehicle charging. Nissan selected the Sakura ...

[Co-creative innovation: the Ao-Solar Extender , Nissan Innovation , Nissan](#)

The Ao-Solar Extender is the concept model of a solar-system designed to be mounted on the roof of the Nissan Sakura. Its name refers to the Japanese term "Aozora," meaning "blue sky," combined ...

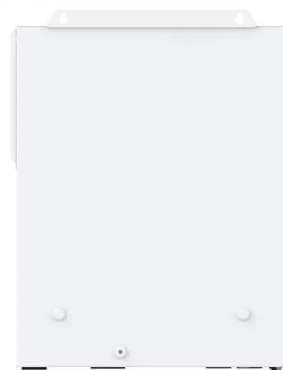


[Do Nissan's Solar Panels on Car Mean Manufacturing Rethink?](#)

Nissan's latest prototype vehicle could signal a shift in automotive manufacturing processes, as the integration of solar power generation systems presents new production challenges ...

[Nissan's Newest EV Doesn't Need Charging](#)

Solar panels generate power for up to 1,864 miles per year and reduce reliance on chargers. If green-lit for production, it could become the first mainstream EV that doesn't need ...



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