



# Nissan solar panel energy storage

With a new prototype of its hyper-popular Sakura "kei" EV, Nissan has the answer: a bigger solar panel roof called the AO-Solar Extender.

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 ...

Nissan is partnering with Electrum to launch the NISSAN ENERGY Marketplace, a new one-stop-shop that helps consumers research, purchase and install home energy solutions such as ...

Nissan installed the extendable, roof-mounted solar system, "AO-Solar Extender," on a Sakura prototype, which it plans to showcase at the Japan Mobility Show later this month.

The system, tested on a modified electric Nissan Sakura, consists of a roof covered with photovoltaic cells and a sliding panel that extends forward, like a diving board.

Nissan reveals a bolt-on solar charging roof for its best-selling Sakura electric kei car. The solar roof can add up to 1,860 miles of free range per year in ideal conditions.

The automaker says the system is designed to reduce dependence on grid charging, with Nissan engineers estimating the setup can provide enough energy each year to power 1,865 miles of ...

The Ao-Solar Extender system has been installed on Japan's top-selling EV, the Nissan Sakura. Developed in-house, the solar panel system is designed to reduce reliance on the grid and ...

Imagine your home humming with clean energy 24/7 - even when the sun's playing hide-and-seek. That's exactly what Nissan's solar and battery energy storage system (BESS) brings to ...

Nissan 's latest technological development, presented as a prototype at Japan Mobility Show 2025, demonstrates how automotive manufacturers are exploring renewable energy solutions ...



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