



New energy vehicles with outdoor solar power hub function

It could well be the world's first off-road car that runs entirely on solar energy. Meet the Stella Terra, designed by 22 students at the Technical University Eindhoven. As the TU/e's global industrial lead ...

A roadmap for the sustainable integration of solar EVs into energy systems is presented, offering insights into the future of energy-efficient and decarbonized transportation.

New Energy Vehicles serve as mobile energy storage units that can help balance supply and demand fluctuations inherent in renewable energy systems. This bidirectional energy flow ...

Harness the power of the sun with Aptera. Designed with ~700 watts of integrated solar cells, drive up to 40 miles per day completely off the grid and enjoy 400 miles of range per full charge.

Stella Terra harnesses solar energy through panels on its roof. Thanks to this innovative design and sturdy construction, the vehicle sustainably attains full self-sufficiency, enabling operation ...

Sydney, Australia - 7 January 2026 -- At CES 2026, BLUETTI unveiled Charger 2, the industry's first unified car and solar smart energy hub, designed for modern touring, 4WD travel, RV road...

Solar Team Eindhoven, from the Eindhoven University of Technology, recently introduced Stella Terra, a groundbreaking solar-powered on and off-road vehicle -- an innovation made possible through the ...

In a world facing climate change and energy crises, Stella Terra offers a glimpse into a future where vehicles are not just electric, but fully self-sustaining--powered entirely by the limitless ...

In an attempt to show how electric drive technology could one day support boundless mobility and almost limitless range, a team of students from the Eindhoven University of Technology ...

Designed by a team of 21-to-25-year-old college students at the Netherland's Eindhoven University of Technology, their Stella Terra recently completed a 620 mile (1,000 km) test drive that ...



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