

Squad, World's first Solar City Car

Free and easy, never charge your SQUAD

Las Vegas, 6 Dec 2022 – SQUAD MOBILITY presents WORLD'S FIRST SOLAR CITY CAR making her USA debut on the CES Las Vegas. As part of the Dutch delegation, the SQUAD will be on display at the Venetian Expo, Level 2 Hall A-D, Booth nr. 55332.

SQUAD is a compact city car that charges itself on direct solar energy through an integrated solar panel on the roof. The SQUAD will be available in 2024 starting at \$ 6250 (ex. tax) and can be pre-ordered now. Pre-orders outside of Europe are free. SQUAD is a Dutch innovation, designed to make solar-powered mobility accessible for everyone.

Free energy from the Sun

The solar panel on the roof charges up to 22 km/13,6 mi extra range on sunny days in the Netherlands and up to 31 km/19,2 mi in Las Vegas. The swappable and portable batteries provide a range of 100 km / 62 mi excluding solar. With an average solar range of 13 mi per day most users won't even have to charge at all in a sunny city like Las Vegas.

Squad Mobility was founded in 2019 by Robert Hoever and Chris Klok. Both are former Lightyear employees with a long track record in the motorcycle and automotive industries. Based on a shared vision to make solar-powered mobility widely available and affordable, they have developed the SQUAD Solar City Car. The SQUAD is optimized for both private and shared mobility use.

Coming to the USA

Robert Hoever; "We are seeing a tremendous interest from the USA, specifically for markets such as sharing platforms, gated communities, campuses, (seaside) resorts, tourism, company terrains, hotels & resorts, amusement parks and inner city services". At the CES, Squad hopes to meet potential partners for the USA as well as Investors, B2B clients and Media.

Robert; "Energy generation, storage and usage in one single product, offering independence, comfort and freedom, we believe that US customers love that concept".

Affordable for many

For the SQUAD, filling up the tank means letting the sun do its job or charging the swappable batteries at a regular socket. With the low purchase or lease price and low monthly costs, the SQUAD will be affordable for many. As a shared vehicle, the SQUAD becomes even more accessible to get you dry, safe and comfortably from A to B.

Safe & Secure

SQUAD is a light electric vehicle that fits into the USA LSV (Low Speed Vehicle) or EU L6e vehicle category. Safety is guaranteed thanks to the strong roll cage that protects you from all

sides. The SQUAD is also equipped with three-point seat belts and a full crash structure at the front and rear. And because it's a car-like experience, it feels secure at night or in deserted places.

Comfort for two, easy going for young and old

The SQUAD bridges the gap between cars and two-wheelers. A city car for everyone. Easy to operate, drive and park. No more parking hassle, traffic jams or range anxiety.

The Solar City car is surprisingly spacious on the inside and offers enough room for two (tall Dutch) people plus luggage. Like a small living room on wheels with two comfortable chairs, large windows for a panoramic view, a well-arranged dashboard with space for your bag or laptop, cup holders, a phone holder and a USB charger. SQUAD gets you comfortably and safely to your destination.

Optimized for sharing

The SQUAD is optimized for sharing platforms. It is designed to withstand the wear and tear of heavy use. The small-sized two-seater is easy to access, operate and park. With a footprint of only 2,4 m² you can cross park three SQUADS in one parking place. The vehicle charges automatically on sunlight and includes swappable batteries.

Combining low CAPEX and OPEX with the capability of remote diagnosis, SQUAD provides essential vehicle data 24/7 for efficient fleet management. Both the interior and exterior are easy to clean, while broken parts are easy to replace. The wheels act as natural bumpers, preventing damage to body parts. An extra option is the SQUAD battery wall for quickly changing and charging the batteries.

The SQUAD Solar City Car is available for pre-order on [our website](#). Sharing operators are invited to get in contact with Squad Mobility for customized designs and offers.

NOT FOR PUBLICATION

More information:

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[MEDIA KIT \(more than 80 high res photos, video's, specs etc.\)](#)

[SQUAD SPEC SHEET](#)

[YouTube video of the Squad](#)

About Squad Mobility

Press Release Squad CES 2023

Squad Mobility is founded by Robert Hoeyers and Chris Klok, two ex-Lightyear employees who share a vision of an affordable Solar Car for everyone. Together they have more than 40 years of experience in mobility, varying from scooters to motorcycles, FIA Formula E, Renault, Piaggio, Solar Cars and even flying cars.

The SQUAD is a 45 km/h (25mph in the USA), 2-person Solar Car for daily (sub)urban mobility. The Squad is currently available for pre-order in the EU for € 5000 Euro for the first 100, € 500 for 101 to 1000 and € 50 for numbers 1000 and up. Pre-orders outside the EU are free. We use the free pre-orders as our market information to decide market priority.

Retail price starts at around € 6250 (ex. tax). The Squad can charge up to 22 km per day in the Netherlands. The average Micro Car user in the EU drives around 12 km per day. Extra range can be charged via regular power sockets or indoors with the portable and swappable batteries.

The Squad will be homologated in the L6e category, light 4-wheeled vehicles and LSV in the USA. A more powerful 70 km/h L7 category version will also be offered. The Solar Car offers space for two passengers sitting side by side (4 persons in the L7 version), and storage in the back. It combines the ease of a scooter with the protection of a Car. A full roll cage with seat belts, automotive style crash structures front and rear and 4-wheel stability offer safety for all passengers. Subscription and/or lease models will also be offered next year with a target lease price starting at €100 per month.