

# Photovoltaic carport off-grid inverter





## Overview

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Can a solar inverter charge a carport?

For solar carports, the inverter supports EV charging via Sunlit's Aurora 11 wall box, offering a single-phase 3.6 kW connection. This setup provides a 200 km range with a 10-hour charge. An additional two-phase connection can boost charging power to 11 kW, but it requires professional installation.

What is a preformed line carport?

Preformed Line Products manufactured the MPM-G2 carport that seamlessly blends strength and adaptability. On a single row of vertical pipes, the structure reduces groundwork and supports a wide range of solar panels. This top solar carport kit is designed to provide car shelter while capturing solar energy.

Do I need an electrician to install a carport?

Acceptance by an electrician is recommended. Our carports are designed for snow loads of up to 100 kg/m<sup>2</sup> (1.0 kN/m<sup>2</sup>). If you need a carport for a higher snow load, we can customise your carport.

What types of vehicles can be parked in a carport?

Thanks to its dimensions, the carport is also ideal for vehicles such as electric vans, flatbed trucks, minivans or high-roof station wagons (vehicle height max. 2 m). In addition, thanks to the integrated two 230 V sockets, other battery-powered end devices can also be safely charged with sustainable energy.



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