



SMA

# SMA EV Charger

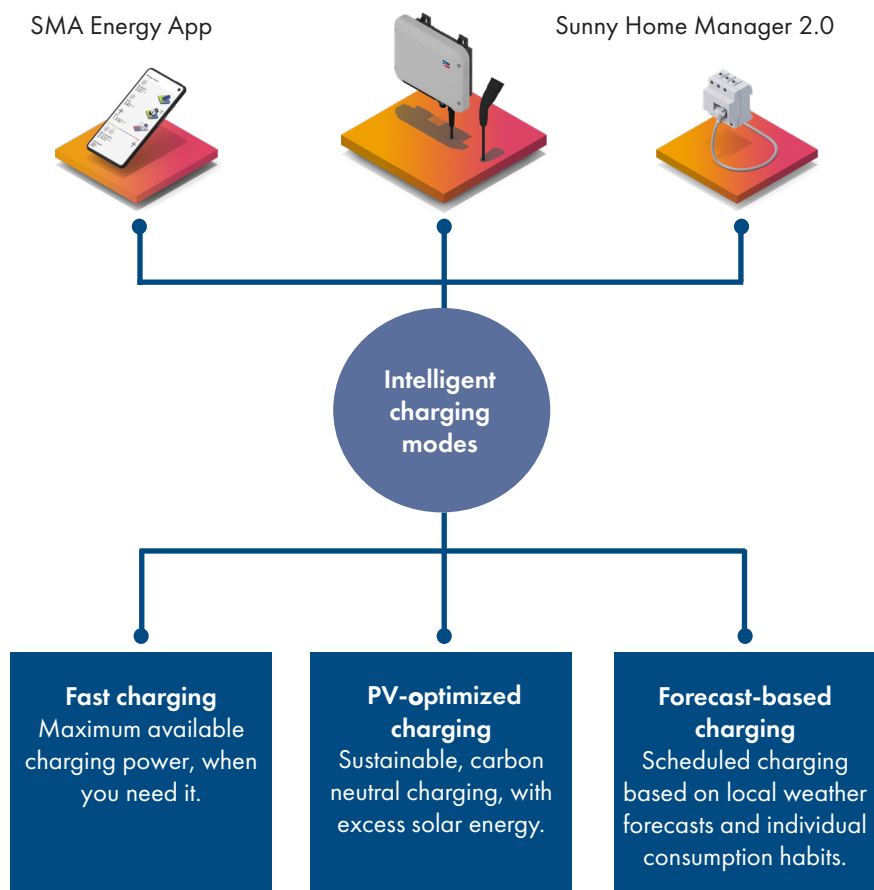
Intelligent. Fast. Cost-effective.

**Your own sustainable, cost-effective, and high-powered electric vehicle charging solution. Whether your home energy system is connected solely on-grid, off-grid, or anywhere in between, the SMA EV Charger can power up your hybrid or standard electric vehicle whenever needed. This intelligent device comes inclusive with a five meter, type two, charging cable, SMA Smart Connected software for premium monitoring, and easy connection with the SMA Energy App to monitor and protect your charger from unauthorized access.**

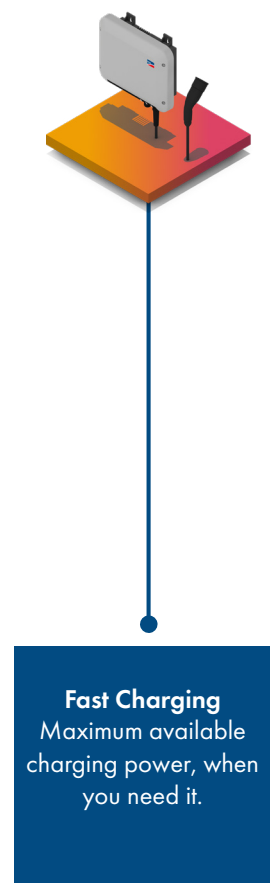
# Charge your way

The SMA EV Charger can fast charge your vehicle by simply operating the rotary switch on the device. If your home is connected to solar power, you can expand your charging options by combining the SMA Sunny Home Manager 2.0 to include PV optimized charging, forecast-based charging and fast tracked boost charging, all controlled using the SMA Energy App.

## Intelligent charging modes



## Rotary switch mode



## Home Energy Safety with Blackout Protection

Together with the SMA EV Charger, the Sunny Home Manager 2.0 provides blackout protection to prevent your home connection from becoming overloaded. Anytime multiple loads are operating, the EV Charger automatically adjusts to the maximum permissible load, remaining balanced and safe to the house connection.

**SMA SMART CONNECTED**

Integrated service for ease and comfort



## Highly convenient: On demand charging with the SMA Energy app

With the SMA Energy app, you can keep track of all the most important information about your system wherever you are and control the charging process of your electric car easily and conveniently using your smartphone. Simply enter when you want your car to be ready to use, and the app will start the charging process automatically.



# SMA ENERGY

The energy transition in your hand.

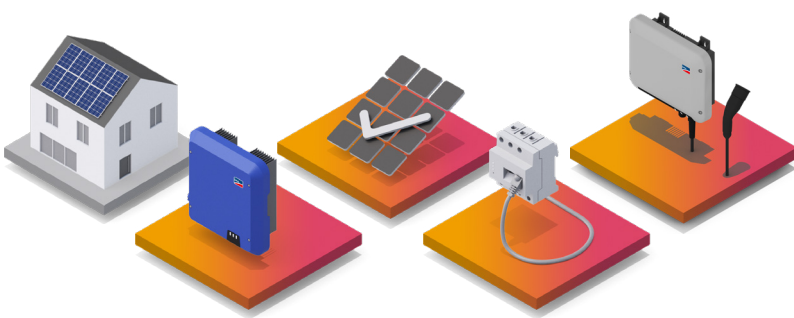


# SMA Energy System Home

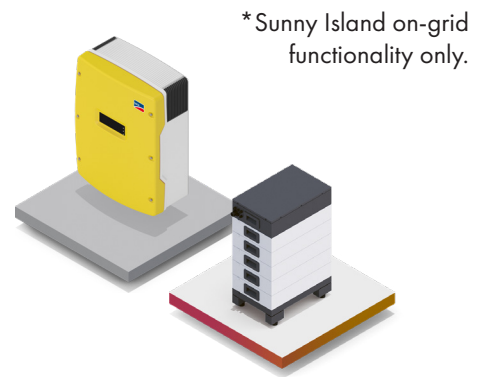
One system. Everything from a single source.

Combining the SMA Energy System Home with the SMA EV Charger for electric vehicle mobility makes economic and environmental sense. It can utilize more of your own solar power and purchase less from the utility grid. Even when the sun isn't shining, the SMA Energy System Home can draw on stored solar energy in batteries, or from the grid, ensuring your electric vehicle can charge at anytime with the SMA EV Charger.

### SMA Energy System Home – Components



**Basis:** your SMA Energy System Home with PV system, SMA inverter, ShadeFix, Sunny Home Manager 2.0 and SMA EV Charger



\* Sunny Island on-grid functionality only.

**Optional expansion** to include the SMA Sunny Island battery inverter and a compatible battery.



Generate solar power



Store solar power



Manage solar energy



Refuel with solar power



Grid independence



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