



SMA Solar Technology AG—Press Release

### **Emission-free driving: The new SMA EV Charger combines solar power and e-mobility**

**Niestetal, September 10, 2020 – According to forecasts, one million electric vehicles will be on Germany's roads by 2022. Around 80% of these will be charged at home. Using solar power from your own roof has benefits not only for the environment, but also for your wallet. That is why SMA has developed the SMA EV Charger. The intelligent charging solution always charges electric vehicles in such a way that the maximum amount of self-generated solar power is used. Even when charging has to be done really quickly. Furthermore, the SMA EV Charger integrates seamlessly into the SMA Energy System Home, making installation and maintenance easier for installers.**

“Solar power makes e-mobility really worthwhile,” said Nick Morbach, Executive Vice President of the Home & Business Solutions business unit at SMA. “That's why we developed the SMA EV Charger. It enables electric car drivers to always charge conveniently and reliably while using the maximum available amount of cost-effective and CO<sub>2</sub>-neutral solar power. With the SMA EV Charger, we provide installers with a key component of an ‘all-in-one package’, because the SMA EV Charger is part of the SMA Energy System Home. All components, including communication for the domestic energy system, come from a single source, and there is only one contact point for questions regarding expansion, warranties or service.”

### **Fast and reliable charging – with solar power, of course**

The SMA EV Charger enables fast, reliable and cost-effective charging and for this purpose has various charging modes. The aim is always to make maximum use of the solar energy currently available. By combining utility grid and solar power, the SMA EV Charger can charge single-phase up to 7.4 kW and is thus almost twice as fast as conventional wall boxes, which usually only charge with 4.6 or 3.7 kW due to an unbalanced load. When you are in a hurry, the SMA EV Charger can even charge up to ten times faster than a conventional household socket. Power outage protection protects the house connection against overload.

The SMA EV Charger charging process can also be optimally planned with the SMA Energy app. The Sunny Home Manager 2.0 intelligently plans the charging process for domestic energy management, while also taking into account the other appliances. In this way, it pays attention to minimum charging costs and guarantees the desired departure time. The SMA EV Charger can be ordered now and will be shipped from September 2020.

Find out more about the SMA EV Charger at the [Website](#).



## **About SMA**

As a leading global specialist in photovoltaic system technology, the SMA Group is setting the standards today for the decentralized and renewable energy supply of tomorrow. SMA's portfolio contains a wide range of efficient PV inverters, holistic system solutions for PV systems of all power classes, intelligent energy management systems and battery-storage solutions as well as complete solutions for PV diesel hybrid applications. Digital energy services as well as extensive services up to and including operation and maintenance services for PV power plants round off SMA's range. SMA inverters with a total output of 85 gigawatts have been installed in more than 190 countries worldwide. SMA's multi-award-winning technology is protected by approximately 1,500 patents and utility models. Since 2008, the Group's parent company, SMA Solar Technology AG, has been listed on the Prime Standard of the Frankfurt Stock Exchange (S92) and is listed in the SDAX index.

## **SMA Solar Technology AG**

Sonnenallee 1  
34266 Niestetal  
Germany

### **Head of Corporate Communications:**

Anja Jasper  
Tel. +49 561 9522-2805  
Presse@SMA.de

### **Press Contact:**

Susanne Henkel  
Manager Corporate Press  
Tel. +49 561 9522-1124  
Presse@SMA.de

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