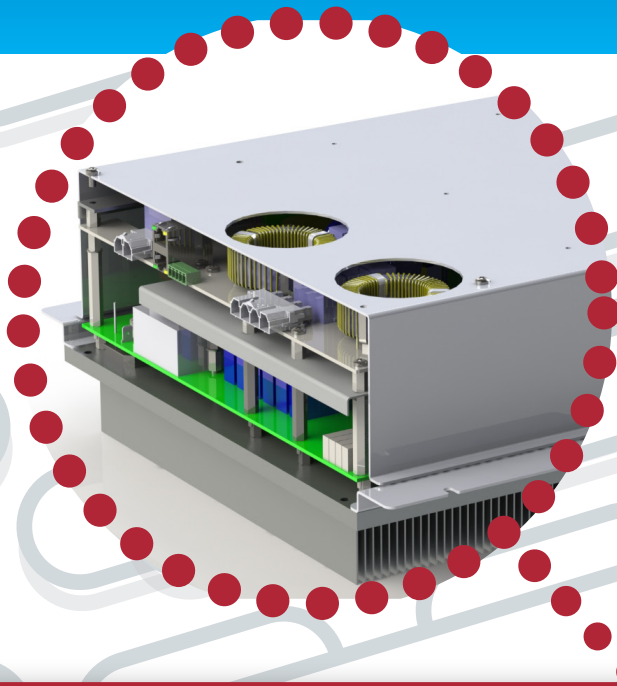
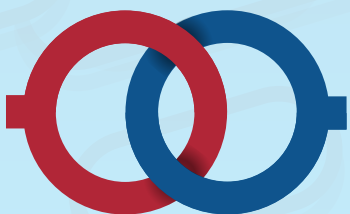
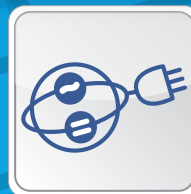
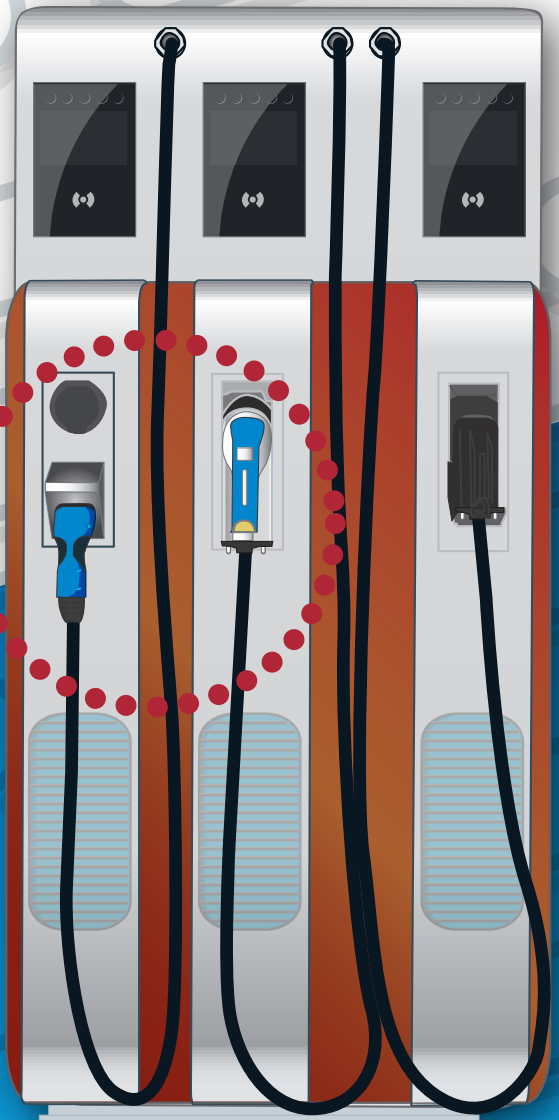


# Power Modules for EV Charging



- Power Modules from 6 to 25kW
- 3-Phase AC→DC and DC→DC
- Bidirectional DC↔AC  
*with V2G / V2H operation*
- Meterless Solar EV charging
- Parallel operation for systems  
*up to several MegaWatts*
- Noiseless power
- CAN bus Control Interface



**PRE**  
power developers



## Charging solutions.

PRE was founded in 1983 and has been a major Power Module and Technology supplier for the EV Charger market since 2009.

PRE Power Modules are successfully used in CHAdeMO and CCS Chargers around the world.

PRE has recently extended its portfolio of uni- and bi-directional Power Modules to deal with the expanding EV Charger Market like home chargers, highway chargers, bi-directional chargers with Solar option to charger parks.

To find your optimum charging solution, we gladly put our knowledge to use.

**We are power developers!**



## Fast Charger Modules

10 to 15kW AC/DC Power Modules for fast charging stations. Modules can be used in series or parallel connected up to 1000V and as high as 350kW. 25kW DC/DC Charger Module for large area charging and charging parks with 650 to 800V DC Input. Due to the compact size, high efficiency and galvanic isolation the Module can be used in small charge posts or cabinets.

## V2G Modules with PV option

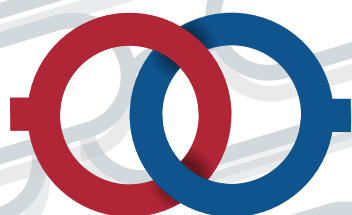
The newly developed 10kW Bidirectional AC/DC Module can be used for V2G, V2H and Smartgrid applications. This module is based on the latest SiC technology guaranteeing a wide operating range with more than 96% efficiency.

The V2G Module has an optional PV input for connecting up to 10kWp. This enables direct PV to EV Charging without using the AC energy meter.

In addition to Charger modules, PRE also supplies BMS solutions and Intelligent motor drives for various electronic transport vehicles and E-bikes. This offers a seamless integration of the Charger and BMS, which guarantees fast, safe and reliable battery charging.



New Bidirectional V2G module



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