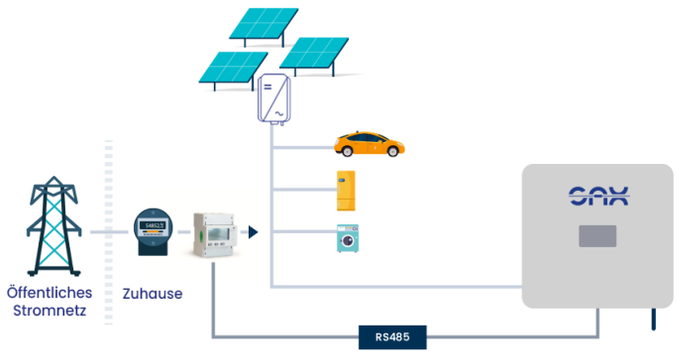
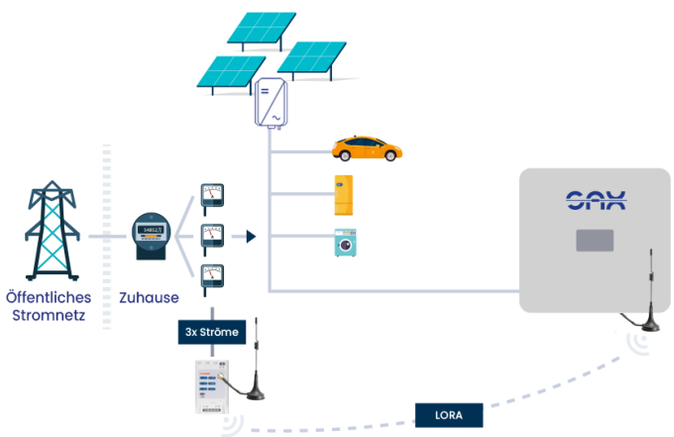


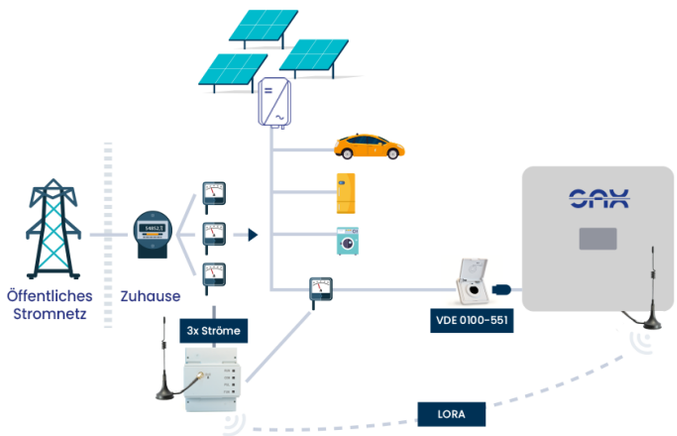
STANDARD INSTALLATION

An ADL 400 smart meter is integrated into the circuit for measuring current and voltage.
Communication between the smart meter and the SAX home storage is via RS 485 cable connection. The SAX home storage is connected directly to the home network and Internet by cable.



WIRELESS INSTALLATION

AEW 100 smart meter measures current and voltage using folding current transformers. This means that no cables have to be disconnected in the customer's network during installation.
Communication between smart meter and SAX home storage is done via LORA wireless connection or a RS 485 cable connection. The SAX home storage is connected directly to the home network and internet by cable.

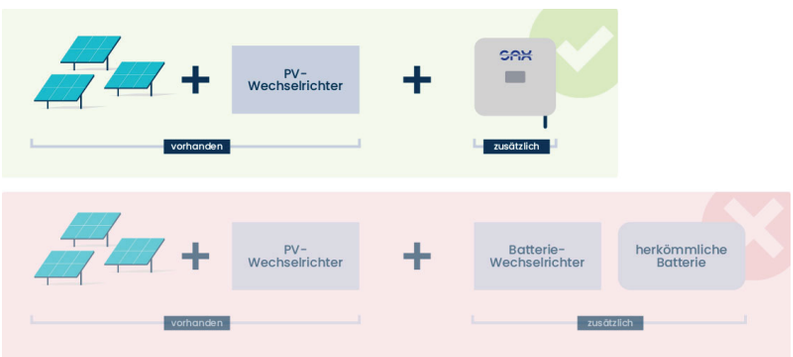


PREMIUM PLUG-IN INSTALLATION

The ADW 220 smart meter measures current and voltage using folding current transformers. This means that no cable in the customer's network has to be disconnected during installation. A second current measurement enables monitoring of the supply cable.
The communication to the SAX home storage is done via LORA wireless connection or a RS 485 cable connection. The SAX home storage is connected to the home network and internet via plug-in to a socket. For this, the existing standard socket should be replaced by a fused socket.

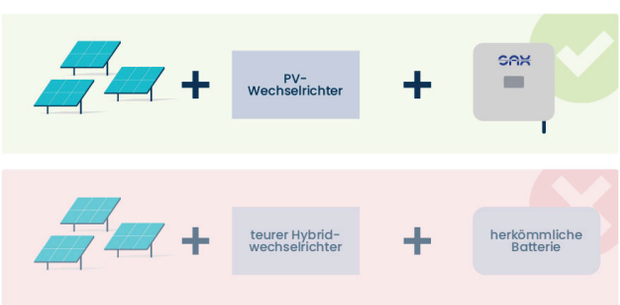
FOR RETROFIT

The SAX storage does not need an inverter on the battery side. It can be connected either conventionally via a cable or as a plug-in solution to a fused socket. Thus, no installation of cables is mandatory, a clean and simple solution.



FOR NEW INSTALLATION

SAX Home storage does not need an inverter on the battery side. Therefore, for a new installation you do not need an expensive hybrid inverter. The SAX storage can be connected either conventionally via a cable or as a plug-in solution to a fused socket. This saves costs and installation space.



FOR BATTERY EXTENSION

SAX technology has a special balancing method that optimally balances the charge states of the cells. Weaker cells have no influence on the performance of the battery as a whole. When expanding an existing storage, this advantage of the SAX circuit is even more relevant: the new battery modules provide full power and are not negatively affected by the older cells.