

PLENTICORE plus – the 3-phase standard: Simple. Versatile. Smart.

An inverter for every PV system

KOSTAL Solar Electric is a specialist in innovative solar inverters and storage solutions for the home. The inverter lies at the very heart of your photovoltaic system. Not only does it convert the power generated by the solar modules, it also provides you with numerous ways of using energy smartly. Our latest products are setting a new standard: the PV hybrid inverters are simply always the right match for every PV system and every requirement.

Combined with the BYD battery box H11.5, the PLENTICORE plus 5.5 delivers maximum system efficiency. This has been confirmed scientifically by the “2018 power storage system inspection” study undertaken by Berlin University of Applied Sciences (HTW). The DC-coupled storage solution came out top with a System Performance Index (SPI) of 91.4%.

As the PLENTICORE plus name suggests, it offers numerous possible uses and options, with the “PLENTI” part coming from the English “plenty” and “CORE” illustrating its simple handling, as all important functions are combined in just one device.



Use photovoltaics to smartly generate power

As a pure solar inverter with up to 3 PV inputs, the PLENTICORE plus guarantees optimum yields even in challenging shadow situations.



Enjoy more energy self-sufficiency with the direct integration of leading high-voltage batteries

You decide whether to connect up the battery at the time of installation or retrofit it later on. The third input can also be optionally connect to leading high-voltage batteries from BYD or BMZ*.



Using energy the smart way

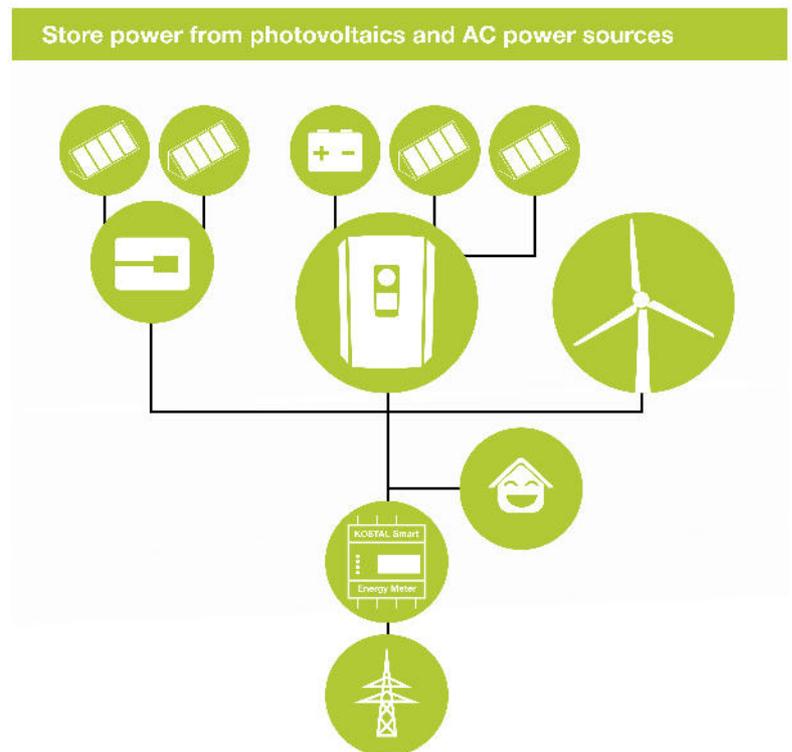
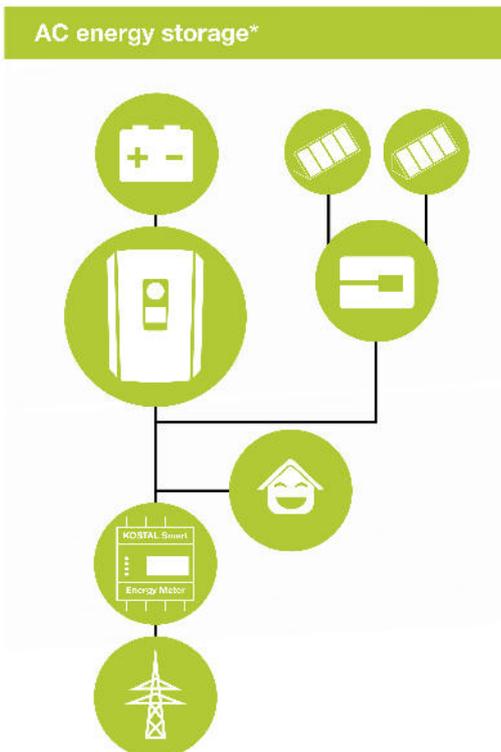
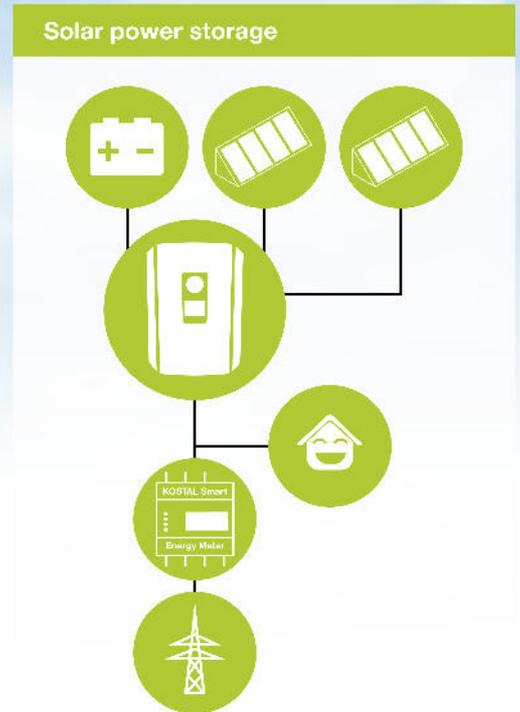
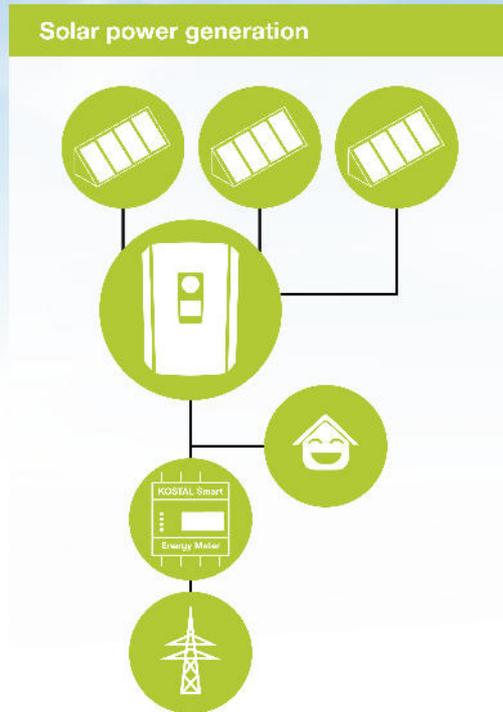
The PLENTICORE plus allows you to not only charge the battery directly from your own photovoltaic system, but also offers additional battery charging from another AC power source*, such as CHP, wind power or a solar system. What's more, the PLENTICORE can also be connected to an existing solar system on the AC side as a pure battery inverter*.



Easy repowering

Thanks to its versatility (up to 3 PV inputs), the PLENTICORE plus is the perfect replacement for your old inverter.

... So many options from just one device



* available at a later date