



# Solar lithium battery inverter set 450 kWh

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Integrating the modular SMA Home Storage battery in the SMA Home Storage Solution offers homeowners full flexibility. They can expand their solar system any time and unlock the full potential of sustainable energy. This powerful and flexible battery perfectly complements SMA's hybrid inverters enabling energy solutions of today and tomorrow.

Whether during times of low solar irradiation or the highs of midday - the SMA Home Storage stores solar power and makes it available as needed. The battery offers flexible scalability to be adapted to individual needs and has an especially long lifetime of around 8000 charging cycles. With the SMA Home Storage, homeowners are making a conscious choice for quality and additional security with the 10-year warranty<sup>1</sup>).

In combination with the SMA hybrid inverters, the SMA Home Storage offers unmatched flexibility, maximum solar energy, easy setup and adaptable energy management.

Make sure that the correct firmware version has been installed on the inverter. The Sunny Tripower Smart Energy must be equipped with firmware version  $\geq 3.04.16.R$ .

Make sure that the communication cable between battery and inverter has been properly installed and is undamaged. You can find the correct pin assignment in the Technical Information .

The battery receives the current software from the connected inverter automatically. SMA recommends the activation of automatic updates. This ensures optimum long-term performance and safety.

You can submit your request via the SMA solar power professional search at [We will forward it to selected SMA Solar partners in order that they can prepare an offer for you.](#)

The SMA factory warranty period for the SMA Home Storage is two years. The owner will receive an additional eight-year warranty if they register the product in the SMA Online Service Center within 30 days of commissioning, i.e. a total of 10 years. You can find more information here: <https://>

A storage period of 6 months should not be exceeded for this product. The battery should be installed within 9 months of the date of production. You can find the data of production on the cardboard box or on the product's type label.

Yes, it is possible to add more capacity to the installed system within two years of initial installation. You can thus adapt the system to your individual needs and optimize it.

The disposal of a shut-down SMA Home Storage system cannot be done by SMA itself, but must be carried



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out by local disposal service providers. Each country has its own disposal regulations which must be taken into account and which SMA will comply with. More information will follow soon and be available in the download area of the product.

The SMA Solar Academy offers a number of webinars and training courses for the SMA Home Energy Solutions at: <https://solaracademy.sma/trainingsangebot.html>.

Contact us for free full report

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