



Solar lithium battery inverter set 16 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 warranty¹⁾.

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.

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

With the SMA Home Storage, system operators are best prepared for a blackout. Due to the high current and high voltage of the system, the maximum power should be sufficient for all common appliances in the house. You can find the individual backup options on the product page of the inverter.

Yes, the SMA Home Storage is equipped with a black start function. This function can be activated manually at the product. Furthermore, the hybrid inverters in the system are automatically switched on at sunrise.

Yes, the SMA Home Storage can be used to supply a heat pump in the system. The Sunny Home Manager 2.0 or a digital input of the inverter is used to establish the connection and for communication.

Yes, the SMA Home Storage enables the charging of electric vehicles. For this, the charging mode must be set to "Fast charging" or "Intelligent charging - charging with target" in the SMA EV Charger settings.

The SMA Home Storage modules are only compatible with the current SMA hybrid inverters, specifically



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with the Sunny Tripower Smart Energy and Sunny Boy Smart Energy models. The Sunny Boy Storage models (SBS2.5-1VL-10 and SBS3.7-10 to SBS6.0-10) cannot be retrofitted.

Yes, the SMA Smart Connected premium monitoring service is offered with the SMA Home Storage. If a defect or fault signal is indicated by the battery, the fitter will receive a detailed report of the event by e-mail. If the fitter contacts the SMA Online Service Center or the SMA Service Line, a replacement of the defective module will be initiated. The automated delivery of a replacement will be implemented in a future update. SMA Smart Connected can be activated via the Sunny Portal.

Currently, the charging power is limited from a state of charge of 90% to 4 A to protect the battery. SMA is working on an optimized charging strategy that can be adjusted at a later date via a software update.

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