

## European Solar and Energy Storage Solutions

# Sma sunny boy storage Suriname



## Overview

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How many SMA inverters can a Sunny Boy Storage Control?

The Sunny Boy Storage is able to control the output for a maximum of 3 additional SMA inverters. For systems which do not use a Sunny Home Manager, it is recommended to connect the SMA Energy Meter directly to the Sunny Boy Storage. At the moment, only one Sunny Boy Storage can be installed per solar system.

Where can I find information about the Sunny Boy Storage?

The datasheet on the Sunny Boy Storage and the product page provide an overview of the technical data and the options the Sunny Boy Storage offers. You will find installation and wiring instructions in the operating manual. 2. In which countries is the Sunny Boy Storage available?

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What is a Sunny Boy battery inverter?

The Sunny Boy Storage 3.7/5.0/6.0 is a high-performance SMA battery inverter for private homes. Larger storage systems are easy to implement and are flexible to expand with a total of three battery connections. A PV system and the corresponding storage system is as unique as its user's power consumption and home.

Can a Sunny Boy Storage be installed without a home manager?

For systems which do not use a Sunny Home Manager, it is recommended to connect the SMA Energy Meter directly to the Sunny Boy Storage. At the moment, only one Sunny Boy Storage can be installed per solar system. In a three phase system, the Sunny Boy Storage is connected to one of the phases.

How does Sunny Boy Storage work?

Thanks to high-voltage technology, storage systems with the Sunny Boy Storage are particularly efficient and easy to install. To use even more self-generated solar energy in the home, an existing PV system can be expanded into a fully fledged storage system with just a few additional components.

What is the warranty for SMA PV inverters?

Dynamic export control for SMA PV inverters with Webconnect Warranty extension from 5 to 10 years – free of charge Sunny Boy Storage is the battery inverter designed for new high voltage batteries from leading manufacturers.



The Sunny Boy Storage 3.7/5.0/6.0 is a high-performance SMA battery inverter for private homes. Larger storage systems are easy to implement and are flexible to expand with a total of three battery connections. In the SMA Residential Solution, the Sunny Boy Storage temporarily stores electricity from the PV system in a battery. Combined



## SUNNY BOY STORAGE 3.7 / 5.0 / 6



Datos técnicos Sunny Boy Storage 3.7 Sunny Boy Storage 5.0 Sunny Boy Storage 6.0  
 Conexión de CA Potencia asignada (a 230 V, 50 Hz) 3680 W 5000 W1) 6000 W1) Capacidad de sobrecarga (a 25 °C hasta máx. 60 s)2) 4600 W 6300 W 7500 W Salida de corriente nominal de CA (a 230 V, 50 Hz) 16 A 21,7 A 26 A

## Backup options with Sunny Boy Storage

The Sunny Boy Storage 2.5 does not have an option for the expansion of a backup power system or a switchover device. Therefore, if you go for this function, you need a Sunny Boy Storage 3.7/5.0/6.0. But above all consider that the Tesla Powerwall 1 battery is no longer compatible with the Sunny Boy Storage types 3.7/5.0/6.0.



## Sunny Boy Storage: le vostre domande, le nostre risposte

La scheda tecnica di Sunny Boy Storage e la relativa pagina del prodotto forniscono una panoramica generale sui dati tecnici e sulle possibilità offerte da Sunny Boy Storage. Nel



manuale d'uso troverete le istruzioni per l'installazione e il cablaggio. 2. In quali paesi è disponibile Sunny Boy Storage?

## Sunny Boy Smart Energy

El inversor híbrido monofásico Sunny Boy Smart Energy de SMA es la solución dos en uno para la generación y el uso flexible de energía solar en la propia vivienda. Suministro fiable y sostenible de energía. El Sunny Boy Smart Energy es el inicio ideal hacia la transición energética integral en el hogar.



## Service Tip: Setting up Sunny Boy Storage to control export of SMA ...

Setting up Zero Export with the Sunny Boy Storage. Export limitation for a PV system can be achieved with the Sunny Boy Storage and SMA inverters with Webconnect functionality. For an export limitation solution you will need: Sunny Boy Storage; SMA Energy Meter; Sunny Boy or Sunny Tripower with Webconnect (maximum of 3 PV inverters) Grid ...

## "Sunny Boy Storage is affordable and also flexible applicable"

But that's exactly what the new SMA battery inverter Sunny Boy Storage offers. In March, the

inverter has been honored with the Innovation Prize at the PV symposium Bad Staffelstein. Volker Wachenfeld, Executive Vice President of the SMA Offgrid & Storage business unit, talks about the post-feed-in tariff era, the differences between storage



## Sunny Boy Storage 3.8-US / 5.0-US / 6.0-US

SMA Energy System Part 1: Installation of Sunny Boy Storage. The new Sunny Boy Storage grid-tied battery inverter, the keystone of the SMA Energy System, is easy to connect to multiple high voltage lithium ion batteries. It includes the Backup Lite function and all communications options of the Sunny Boy line.



## Sunny Boy Storage 3.7 / 5.0 / 6.0 , SMA Solar

The Sunny Boy Storage 3.7/5.0/6.0 is a high-performance SMA battery inverter for private homes. Larger storage systems are easy to implement and are flexible to expand with a total of three battery connections.



## Sunny Boy Storage 3.7 / 5.0 / 6.0 , SMA Solar

Possibilité d'ajouter ultérieurement une batterie supplémentaire en fonction des besoins. Stockage de l'énergie solaire. Le Sunny Boy Storage 3.7/5.0/6.0 est l'onduleur à batterie SMA performant pour les habitations. Équipé de non moins de trois raccordements pour batterie, il



permet également de mettre en oeuvre facilement de grands systèmes de stockage et de les ...

## **SMA Sunny Boy storage 6.0 SBS6.0-10**

Dans le cadre de la solution Solutions Résidentielles SMA, le Sunny Boy Storage stocke temporairement dans la batterie l'énergie provenant de l'installation photovoltaïque. En association avec le Sunny Home Manager 2.0, les flux d'énergie du foyer peuvent être gérés de manière intelligente et la facture d'électricité réduite.



## **Sunny Boy Storage , Bornay**

The Sunny Boy Storage is the right solution for people who want to make their home independent from conventional electric utility companies and rising electricity costs by using intermediate storage for their solar energy. This gives ...



## **Service Tip: Setting up Sunny Boy Storage to control ...**

Setting up Zero Export with the Sunny Boy Storage. Export limitation for a PV system can be achieved with the Sunny Boy Storage and SMA inverters with Webconnect functionality. For an export limitation solution you ...

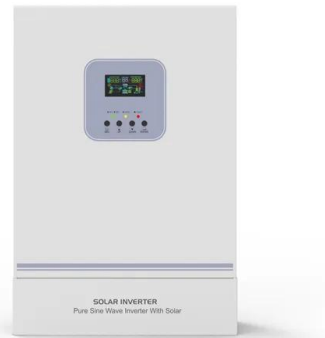


## Der Sunny Boy Storage wird noch flexibler , SMA Solar

SMA Home Storage; Systemlösungen und Pakete. Zurück Systemlösungen und Pakete; Übersicht; SMA Commercial Storage Solution Dabei kann der Sunny Boy Storage 3.7-6.0 bis zu drei Batterien integrieren - unabhängig von der Erstinbetriebnahme mit beispielsweise nur einer Batterie. Mit dem aktuellen Firmwareupdate ist der Sunny Boy Storage

## SUNNY BOY STORAGE 3.8-US / 5.0-US / 6.0-US

effective, versatile and innovative residential storage solution available. Additionally, up to 2000 W of convenience power can now be achieved in the event of a grid outage during both day and night thanks to SMA's proprietary Backup Lite feature. Whole home backup is also available with the SMA Automatic Backup Unit. Versatile



## SMA Sunny Boy Storage 6.0 , Inverters , sun.store

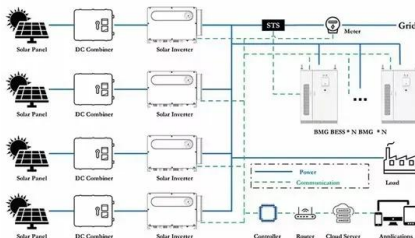
The integrated webserver, with a smart inverter screen and installation wizard or via the SMA 360° App, enables fast and easy commissioning.



Energy flows in the household are fully transparent thanks to the direct connection to Sunny Portal and SMA Energy App.

## Sunny Boy Storage , Bornay

The Sunny Boy Storage is the right solution for people who want to make their home independent from conventional electric utility companies and rising electricity costs by using intermediate storage for their solar energy. This gives you maximum flexibility both now and in the future.



## SMA Sunny Boy Storage: Summary

The SMA Sunny Boy Storage is an ideal system for grid-connected residences, providing a multi-string battery connection with up to three high-voltage batteries. It has an integrated secure power supply function, with fully automatic backup ...

## Sunny Boy Storage: Installation und Inbetriebnahme

(Update vom 2.04.2019 zum Feature Multibatterie) Solarstrom speichern für mehr Unabhängigkeit: Der leistungsstarke SMA Batterie-Wechselrichter Sunny Boy Storage 3.7/5.0/6.0 für Eigenheime ist ab Juni im Handel verfügbar. In diesem ...





## **Service Tip: Setting up Sunny Boy Storage to control ...**

The new Sunny Boy Storage is the simplest solution for adding battery storage to PV systems using new high voltage batteries such as the LG Chem RESU10U. However when adding battery storage to a PV system, grid ...

## **Sunny Boy Storage: Your Questions, Our Answers**

The datasheet on the Sunny Boy Storage and the product page provide an overview of the technical data and the options the Sunny Boy Storage offers. You will find installation and wiring instructions in the operating manual .



## **„Der Sunny Boy Storage ist kostengünstig und ...**

Unabhängige und gleichzeitig günstige Stromversorgung für Zuhause - das war bisher technisch nicht machbar. Aber genau das bietet nun der neue SMA Batterie-Wechselrichter Sunny Boy Storage und wurde dafür ...

## **Contact Us**

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