

Is Sunny Boy Storage suitable for new and retrofitted systems?

Thanks to proven AC coupling, the Sunny Boy Storage is ideally suited to new and retrofitted systems. The integrated webserver, with a smart inverter screen and installation wizard or via the SMA 360° App, enables fast and easy commissioning.

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.

How many batteries can be connected to the Sunny Boy Storage?

Thanks to multistring technology, up to three high-voltage batteries can be connected to the Sunny Boy Storage anytime. This allows the storage system to be expanded gradually and adapted to individual needs.

How many DC inputs can be connected in a Sunny Boy Storage?

To connect larger batteries, three DC inputs can also be connected in parallel. The Sunny Boy Storage has integrated emergency power, which can be switched manually. Furthermore, it can even take over the entire electricity supply of the three line conductors via the optional automatic transfer unit.

Technische gegevens Sunny Boy Storage 3.7 Sunny Boy Storage 5.0 Sunny Boy Storage 6.0 AC-aansluiting
Opgegeven vermogen (bij 230 V, 50 Hz) 3680 W 5000 W 6000 W 1) Overbelastingcapaciteit (bij 25
°C tot max. 60 s) 2) 4600 W 6300 W 7500 W Nominale AC-stroom (bij 230 V, 50 Hz) 16 A 21,7 A 26
A

Der Sunny Boy Storage ist ein AC-gekoppelter Batterie-Wechselrichter für den Netzparallel- und
Inselnetzbetrieb. Der Sunny Boy Storage wandelt den von einer Batterie gelieferten Gleichstrom in
netz-fähigen Wechselstrom. Der Sunny Boy Storage ...

technical data (preliminary) Sunny Boy Storage 3.7 Sunny Boy Storage 5.0 Sunny Boy Storage 6.0 aC
connection Rated 1) power (at 230 V, 50 Hz) 3680 W 5000 W 6000 W 1) Overload capacity (at 25°C to
max. 60 sec) 2) 4600 W 6300 W 7500 W AC 3) nominal current output (at 230 V, 50 Hz) 16 A 21.7 A 26 A

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 W 1) 6000 W 1) 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

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Luxembourg

?SMA???????,Sunny Boy Storage????????????????????????????? ????Sunny Home Manager
2.0,??????????????????,??? ...

Technische gegevens (onder voorbehoud) Sunny Boy Storage 3.7 Sunny Boy Storage 5.0 Sunny Boy Storage 6.0

AC-aansluiting	Opgegeven vermogen (bij 230 V, 50 Hz)	3680 W	5000 W1)	6000 W1)
Overbelastingcapaciteit (bij 25°C tot max. 60 s)2)		4600 W	6300 W	7500 W
Nominale AC-stroom (bij 230 V, 50 Hz)		16 A	21,7 A3)	26 A
Nominale AC-spanning / AC-spanningsbereik ...				

Caractéristiques techniques	Sunny Boy Storage 3.7	Sunny Boy Storage 5.0	Sunny Boy Storage 6.0
Raccordement	AC	AC	AC
Puissance assignée (pour 230 V, 50 Hz)	3680 W	5000 W(1)	6000 W(1)
Capacité de surcharge (<math>\pm 25\% jusqu'à 60 sec. max.)	2)	4600 W	6300 W 7500 W
Courant de sortie nominal AC (pour 230 V, 50 Hz)	16 A 21,7 A(3)	26 A	Tension nominale AC / Plage de ...

Caractéristiques techniques	Sunny Boy Storage 3.7	Sunny Boy Storage 5.0	Sunny Boy Storage 6.0
Raccordement	AC		
Puissance assignée (pour 230 V, 50 Hz)	3680 W	5000 W(1)	6000 W(1)
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Courant de sortie nominal AC (pour 230 V, 50 Hz)	16 A	21,7 A	26 A

Datos t#33;nicos (provisionales) Sunny Boy Storage 3.7 Sunny Boy Storage 5.0 Sunny Boy Storage 6.0
 Conexi#243;n de CA Potencia asignada (a 230 V, 50 Hz) 3680 W 5000 W1) 6000 W1) Capacidad de
 sobrecarga (a 25 #176;C hasta m#225;x. 60 s)2) 4600 W 6300 W 7500 W Salida de corriente nominal de
 CA (a 230 V, 50 Hz) 16 A 21,7 A3) 26 A Tensi#243;n nominal de CA/intervalo de tensi#243;n de CA ...

Sunny Boy 3.0-6.0????100%???? ??Sunny Boy 3.0-6.0????????????????????
 ?????Web??(????????????????????)?SMA Smart Connected?,,????????????????????????????

Sunny Central UP; Sunny Central 1850 / 2200 / 2475; ??????. ?? ?????; Sunny Boy Storage 3.7 / 5.0 / 6.0; Sunny Boy Storage 2.5; Sunny Island 4.4M / 6.0H / 8.0H; Sunny Island 4548-US / 6048-US; Sunny Central Storage UP; Sunny Central Storage 1900 / 2200 / 2475 / 2900; Sunny Central Storage 2200-US / 2475-US / 2900-US ...

Wir haben vorhin in einem anderen Thread diskutiert, ob es technische Unterschiede zwischen den SBS 3.7, 5.0 und 6.0 gibt. Bei einphasigem Netzparallelbetrieb in Deutschland darf sowohl der SBS 5.0, als ...

Technical data Sunny Boy Storage 3.7 Sunny Boy Storage 5.0 Sunny Boy Storage 6.0 AC connection Rated power (at 230 V, 50 Hz) 3680 W 5000 W1) 6000 W1) Overload capability (at 25°C to max. 60 sec.)2) 4600 W 6300 W 7500 W AC nominal current output (at 230 V, 50 Hz) 16 A 21.7 A3) 26 A Nominal AC voltage / AC voltage range 230 V / 172.5 V to 264.5 V

o SBS5.0-10 (Sunny Boy Storage 5.0) à partir de la version de micrologiciel >= 3.00.00.R o SBS6.0-10

(Sunny Boy Storage 6.0) à partir de la version de micrologiciel >= 3.00.00.R 1.2 Groupe cible Ce document s'adresse au personnel qualifié et aux utilisateurs finaux. Les opérations identiées

Technische Daten Sunny Boy Storage 3.7 Sunny Boy Storage 5.0 Sunny Boy Storage 6.0 AC-Anschluss Bemessungsleistung (bei 230 V, 50 Hz) 3680 W 5000 W1) 6000 W1) Überlastfähigkeit (bei 25°C bis max. 60 Sek.)2) 4600 W 6300 W 7500 W AC Nennstrom Ausgang (bei 230 V, 50 Hz) 16 A 21,7 A 26 A AC-Nennspannung / AC-Spannungsbereich 230 V / 172,5 V bis ...

SUNNY BOY STORAGE 3.7 / 5.0 / 6.0. Indicaciones sobre este documento. Área de validez. Grupo de destinatarios. Contenido y estructura del documento. Niveles de advertencia. Símbolos del documento. Marcas de texto en el documento. Denominación en el documento. Información adicional. Seguridad.

o SBS6.0-10 (Sunny Boy Storage 6.0) from firmware version >= 4.00.00.R 1.2 Target Group This document is intended for qualified persons and end users. Only qualified persons are allowed to perform the activities marked in this document with a warning symbol and the caption

Technische Daten (vorläufig) Sunny Boy Storage 3.7 Sunny Boy Storage 5.0 Sunny Boy Storage 6.0 AC-Anschluss Bemessungsleistung (bei 230 V, 50 Hz) 3680 W 5000 W 6000 W überlastfähigkeit (bei 25°C bis max. 60 Sek.) 4600 W 6300 W 7500 W AC Nennstrom 3)Ausgang (bei 230 V, 50 Hz) 16 A 21,7 A 26 A

Technical data (preliminary) Sunny Boy Storage 3.7 Sunny Boy Storage 5.0 Sunny Boy Storage 6.0 AC connection Rated power (at 230 V, 50 Hz) 3680 W 5000 W1) 6000 W1) Overload capacity (at 25°C to max. 60 sec)2) 4600 W 6300 W 7500 W AC nominal current output (at 230 V, 50 Hz) 16 A 21.7 A3) 26 A Nominal AC voltage / AC voltage range 230 V / 172.5 V to 264.5 V

o SBS3.7-10 (Sunny Boy Storage 3.7) ab Firmware-Version >= 3.00.00.R o SBS5.0-10 (Sunny Boy Storage 5.0) ab Firmware-Version >= 3.00.00.R o SBS6.0-10 (Sunny Boy Storage 6.0) ab Firmware-Version >= 3.00.00.R 1.2 Zielgruppe Dieses Dokument ist für Fachkräfte und Endanwender bestimmt. Die Tätigkeiten, die in diesem

o SBS3.7-10 (Sunny Boy Storage 3.7) from firmware version >= 3.00.00.R o SBS5.0-10 (Sunny Boy Storage 5.0) from firmware version >= 3.00.00.R o SBS6.0-10 (Sunny Boy Storage 6.0) from firmware version >= 3.00.00.R 1.2 Target Group This document is intended for qualified persons and end users. Only qualified persons are allowed

Sunny Boy 3.0-6.0????100%???? ??Sunny Boy 3.0-6.0????????????????????
????Web??(????????????????????)?SMA Smart Connected??,????????? ...

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.

The Sunny Beam monitoring system of SMA provides an aesthetic wireless monitoring of the installation. It is cheap, effective and works with SMAs inverters. For instantaneous power or ...

The Sunny Boy Storage battery inverter has been precisely engineered to serve as the intelligent interface between PV, the electrical grid and industry-leading high-voltage batteries. Its AC coupled architecture enables installation at any ...

o SBS5.0-10 (Sunny Boy Storage 5.0) a partire dalla versione del firmware $\geq 4.00.00.R$ o SBS6.0-10 (Sunny Boy Storage 6.0) a partire dalla versione del firmware $\geq 4.00.00.R$ 1.2 Destinatari Il presente documento è destinato a tecnici specializzati e utenti finali. Le operazioni

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