

Technical information

SUNNY BOY STORAGE 2.5

Approved batteries and battery communication connection

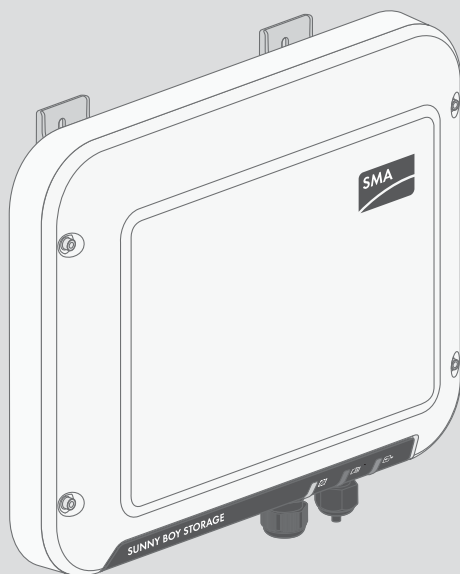


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1 Approved Batteries

This overview contains a list of lithium-ion batteries which are approved for the operation with the Sunny Boy Storage 2.5 (SBS2.5-1VL-10) of SMA Solar Technology AG (status: September / 2017):

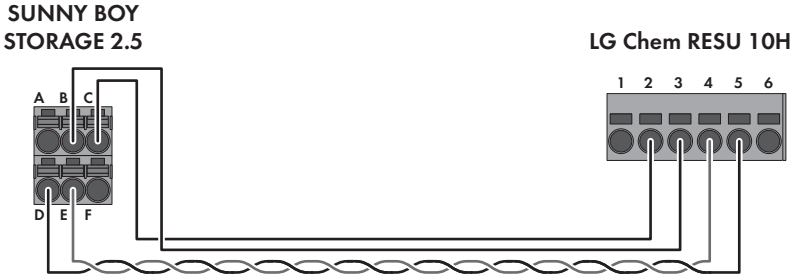
Manufacturer	Type	Product number	Compatible from firmware version of the SBS2.5-1VL-10
Tesla Energy	Tesla Daily Power-wall	1067000-00-C	2.02.01.R
LG Chem	RESU10H	R15563P3SDLT	2.04.14.R
BYD Company Limited	B-BOX H*	-	2.04.23.R

* Equipped with at least five to eight battery modules

2 Battery Communication Connection

In this section, you will find the cabling plan for the battery communication connection between the Sunny Boy Storage 2.5 and the approved batteries.

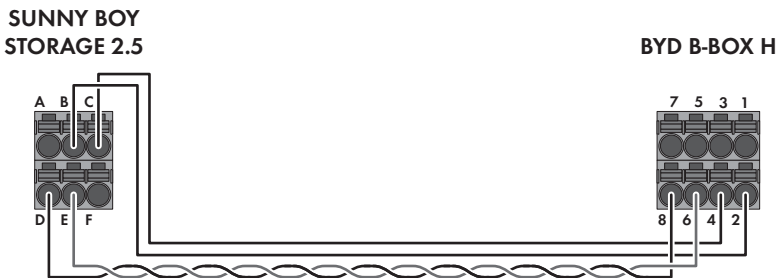
Sunny Boy Storage 2.5 with LG Chem RESU10H



Clamping position	Assignment	Clamping position	Assignment
A	-	1	12V - AUX
B	Enable	3	BAT EN
C	GND and shielding	2	GND - AUX
D	CAN L*	5	CAN - L
E	CAN H*	4	CAN - H

* Twisted pair conductors, at least CAT3

Sunny Boy Storage 2.5 with BYD B-BOX H



Clamping position	Assignment	Clamping position	Assignment
A	Not assigned	1	13 V +
B	Enable	2	EN 11 V +
C	GND and shielding	4	EN 11 V -

Clamping position	Assignment	Clamping position	Assignment
D	CAN L*	8	CAN - L
E	CAN H*	6	CAN - H

* Twisted pair conductors, at least CAT3

