








Sungrow Battery cross-reference chart

Disclaimer








The material in this document has been prepared by Sungrow Australia Group Pty. Ltd. ABN 76 168 258 679 and is intended as a guideline to assist solar installers for troubleshooting. It is not a statement or advice on any of the Electrical or Solar Industry standards or guidelines. Please observe all OH&S regulations when working on Sungrow equipment.

Please use the below chart to help with battery design:

SBR Range:






SBR064 ³	SBR096	SBR128	SBR160	SBR192	SBR224	SBR256
						
2 modules	3 modules	4 modules	5 modules	6 modules	7 modules	8 modules

SH5.0RS	YES*	YES	YES	YES	YES	NO	NO
SH6.0RS	YES*	YES*	YES	YES	YES	NO	NO
SH8.0RS	YES*	YES*	YES*	YES	YES	NO	NO
SH10RS	YES*	YES*	YES*	YES*	YES	NO	NO
SH5.0RT	NO	YES*	YES	YES	YES	YES	YES
SH10RT	NO	YES*	YES*	YES*	YES	YES	YES






SBR064 ³	SBR096	SBR128	SBR160	SBR192	SBR224	SBR256
						
2 modules	3 modules	4 modules	5 modules	6 modules	7 modules	8 modules

SH5T	NO	YES	YES	YES	YES	YES	YES
SH10T	NO	YES*	YES*	YES*	YES	YES	YES
SH15T	NO	YES*	YES*	YES*	YES*	YES*	YES*
SH20T	NO	YES*	YES*	YES*	YES*	YES*	YES*
SH25T	NO	YES*	YES*	YES*	YES*	YES*	YES*

SBH Range:

SBH200	SBH250	SBH300	SBH350	SBH400
				
4 modules	5 modules	6 modules	7 modules	8 modules

SH5.0RS	YES	YES	NO	NO	NO
SH6.0RS	YES	YES	NO	NO	NO

SBH200	SBH250	SBH300	SBH350	SBH400
 4 modules	 5 modules	 6 modules	 7 modules	 8 modules

SH8.0RS	YES	YES	NO	NO	NO
SH10RS	YES	YES	NO	NO	NO
SH5.0RT	YES	YES	YES	YES	NO
SH10RT	YES*	YES*	YES	YES	NO
SH5T	YES	YES	YES	YES	YES
SH10T	YES	YES	YES	YES	YES
SH15T	YES*	YES	YES	YES	YES
SH20T	YES*	YES*	YES	YES	YES
SH25T	YES*	YES*	YES*	YES*	YES

Please refer to the following page for explanation of colour codes

NO	Not permitted.
YES*	Will supply kWh, but will not supply full power of inverter rated backup.
YES	100% Compatible.

Parallel feature:

Two equal stacks can be connected in parallel by using a ‘Y’ connector.

Three or Four equal stacks can be connected in parallel by using a combiner box.

Please refer to Sungrow Tech support for full details.

Adding stacks increases the capacity only, and the voltage and current remain the same.

DC cable sizing:

SBR range; Minimum 6mm

SBH range: Minimum 10mm

If the issue still persists, please take photos testing on site and contact Sungrow Service Department on 1800 786 476 or email to service@sungrowpower.com.au.