



Lithium-Ion Batteries in Sunny Island Systems  
**List of Approved Lithium-Ion Batteries**



The lithium-ion batteries of the following manufacturers are approved for the SMA Flexible Storage System with the Sunny Island 3.0M / 4.4M / 6.0H / 8.0H:

Manufacturer	Type	Firmware	Self-consumption systems			Battery backup systems / Off-grid systems			Certification / Proof of conformity according to the safety guidelines
			1~	3~	Comment	1~	3~	Comment	
Akasol	neoQube		x	-	-	-	-	-	Not specified
	neoRack		x	x	-	x	x	<ul style="list-style-type: none"> <li>• Only for Sunny Island 3.0M and 4.4M</li> <li>• Single-phase system: at least 2 (battery) modules</li> <li>• Three-phase system: at least 3 (battery) modules</li> </ul>	Not specified
BMZ	BMZ ESS 3.0	1.00, 1.12	x	-	-	x	-	-	Not specified
Hoppecke	sun   powerpack premium 5.0 / 48	1.1.0 r11767	x	-	-	-	-	-	Not specified
	sun   powerpack premium 7.5 / 48	1.1.0 r11767	x	-	-	-	-	-	Not specified
IBC	SolStore X.X Li		x	-	-	x	-	-	Not specified
LG Chem	RESU 5.0		x	-	-	-	-	-	Not specified
	RESU 6.4		x	-	Recommended for Sunny Island 3.0M and 4.4M	x	-	Only for Sunny Island 3.0M and 4.4M	Not specified
Liacon	LV-Series		x	-	-	-	-	-	Not specified
SAFT	Intensium Home		x	-	-	-	-	-	Not specified
Sony	Controller IJ1004C Module FORTELION IJ1001M		x	x	Pay attention to the number of (battery) modules	x	x	Pay attention to the number of (battery) modules	Not specified

The lithium-ion batteries of the following manufacturers are approved for the Sunny Island 4548-US / 6048-US:

Manufacturer	Type	Firmware	Self-consumption systems			Battery backup systems / Off-grid systems			Certification / Proof of conformity according to the safety guidelines
			1~	3~	Comment	1~	3~	Comment	
BMZ	BMZ ESS 3.0	1.00, 1.12	x	-	Always check UL compatibility with manufacturer	x	-	Always check UL compatibility with manufacturer	Not specified