




Approved Batteries with SH Series Hybrid Inverters

EU Verison V1.6.1





Hereby we make sure that the batteries listed in the following table are approved for the operation with the hybrid inverters SH3.0~6.0RS, SH5.0~10RT, SH3K6(phased out), SH4K6(phased out) of SUNGROW POWER SUPPLY CO., LTD. Please find the specific models in the following table, which are subject to change without notice.

SH3.0/3.6/4.0/5.0/6.0RS Hybrid Inverters for High Voltage Battery

Brand	Model	Firmware Version
	SBR096/128/160/192	≥SBRBCU-S_22011.01.05
	RESU7H_TYPE-R (RS485 Communication)*	DC-DC converter version ≥4.8 Battery management system (BMS) version ≥1.7.0.1
	RESU10H_TYPE-R (RS485 Communication)*	
	Battery-Box HV 5.1/6.4/7.7/9.0/10.2*; HV 5.1/6.4/7.7/9.0/10.2(AU)*	≥V3.013
	Battery-Box Premium HVS 5.1/7.7/10.2	Battery management system (BMS) version ≥ 3.16
	Battery-Box Premium HVM 8.3/11.0/13.8/16.6/19.3/22.1	Battery management unit (BMU) version ≥ 3.7






Caution: The Battery model with Symbol * will be discontinued.

SH5.0~10RT Series Hybrid Inverters for High Voltage Battery

Brand	Model	Firmware Version
	SBR096/128/160/192/224/256	≥SBRBCU-S_22011.01.05
	RESU7H_TYPE-R (RS485 Communication) *	DC-DC converter version ≥4.8 Battery management system (BMS) version ≥1.7.0.1
	RESU10H_TYPE-R (RS485 Communication) *	
	Battery-Box HV 5.1/6.4/7.7/9.0/10.2/11.5*; HV 5.1/6.4/7.7/9.0/10.2/11.5(AU) *	≥V3.013
	Battery-Box Premium HVS 5.1/7.7/10.2/12.8	Battery management system (BMS) version ≥ 3.16
	Battery-Box Premium HVM 8.3/11.0/13.8/16.6/19.3/22.1	Battery management unit (BMU) version ≥ 3.7
	Powercube-X1/X2/H1/H2	≥V4.6
	Force H1/H2	≥V1.3

Caution: The Battery model with Symbol * will be discontinued.

SH3K6/4K6(phased out) Hybrid Inverters for Low Voltage Battery

Brand	Model
 LG Chem	RESU6.4EX
	RESU3.3/6.5/10/13
 PYLONTECH	US2000 B
	Phantom-S
 GCL	E-KwBe5.6
SUNGROW	SBP4K8
 BYD	Battery-Box Res: Res2.5/5.0/7.5/10.0
	Battery-Box Pro: Pro2.5/5.0/7.5/10.0
	Battery-Box: L3.5/7.0/10.5/14.0
	Battery-Box Premium LVS: LVS4.0/8.0/12.0/16.0/20.0/24.0
	Battery-Box Premium LVL 15.4
 TAWAKI	MAUI Battery Pack 86 Ah

Note: Sungrow may not provide technical support for installations where non-approved batteries are installed. We will keep updating this document, please contact Sungrow if there are any relevant issues.