

Approved Battery Option Statement of Sermatec residential hybrid inverters

NO	Inverter Model	Battery Brand	Battery Mode	Protocol to Select in Sermatec Mate
1	SMT-5K-TL-LV	PYLONTECH	US2000B(48V 50AH)	Pylon Low Voltage Battery
2	SMT-5K-TL-LV	BYD	Battery-Box Pro3.8-15.3	BYD Low Voltage Battery
3	SMT-5K-TL-LV	DLG	ESS48-2U-L	Default low voltage battery
4	SMT-5K-TL-LV	Aobo	Uhome-LFP 5.8kWh/LV	Aobo Battery
5	SMT-5K-TL-LV	SunGo	SPB18-TI16-014-A02b	Default low voltage battery
6	SMT-5K-TL-LV	Sacred Sun	SSIP2P15S48100C	Default low voltage battery
7	SMT-5K-TL-LV	Soluna	3K Pack/4K Pack/ EOS 5K Pack	Soluna 4K LV
1	SMT-10K-TL-TH	PYLONTECH	H48074/H48050+SC1000/ SC0500	Pylon high voltage Battery
2	SMT-10K-TL-TH	BYD	Battery-Box	BYD high voltage Battery
3			H 5.1/6.4/7.7/9.0/10.2/11.5; Battery-Box H 5.0/7.5/10.0	
4	SMT-10K-TL-TH	Dyness high voltage battery	TOWER-14	Dyness High voltage battery
5	SMT-10K-TL-TH	Sacred Sun	SHUIFP19250A	Default high voltage battery
6	SMT-10K-TL-TH	Soluna	10K Pack HV/15K pack HV	Soluna 15K Pack HV
	SMT-10K-TL-TH	Nelumbo	TE25040	Nelumbo HV Battery

NOTES:

1. Our hybrid inverters could work with Lead-acid batteries, while compatible lithium batteries are preferred;
2. Please contact Sermatec's service team at (support.sermatec.com.cn) to know which firmware version of inverter support which battery series, if you want to upgrade the PCU or DSP of the inverter please get approved by Sermatec's service team(support@sermatec.com.cn);
3. Unless there is a special agreement, the batteries not listed here are not allowed to use on Sermatec's inverters, faulty caused by incompatible batteries not covered by warranty scope;
4. If there is a Lithium battery that needs to compatible with Sermatec's inverters, please contact sales(presales@sermatec.com.cn) to arrange a compatible test both at battery lab and inverter lab;