

## 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	Ares-P5200L	Default low voltage battery
6	SMT-5K-TL-LV	Sacred Sun	SSIP2P15S48100C	Default low voltage battery
7	SMT-5K-TL-LV	Soluna	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	15K pack HV	Soluna 15K Pack HV
	SMT-10K-TL-TH	Nelumbo	TE25040	Nelumbo HV Battery

### NOTES:

1. SMT-5K-TL-LV could work with Lead-acid batteries, while compatible lithium batteries are preferred; SMT-10K-TL-TH does not support Lead-acid batteries.
2. Please contact Sermatec's service team at ([support@sermatec.com.cn](mailto:support@sermatec.com.cn)) to know which firmware version of the 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](mailto: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](mailto:presales@sermatec.com.cn)) to arrange a compatible test both at battery lab and inverter lab.