

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 | 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:

- 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.
- Please contact Sermatec's service team at (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).
- 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.
- 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.