

List of the Inverter Brands Compatible with TBB Low-voltage Lithium Batteries









V3.0














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Introduction to TBB low-voltage lithium batteries

TBB low-voltage lithium batteries currently include LS50/LS75/ES100/ES100 II/PS5/PS10 models. Designed for backup power system, solar off-grid system, and energy storage systems for residential, commercial and industrial applications, these products are typically suitable for applications with limited installation space, requiring long power backup time and long service time, and they communicate with inverters via CAN bus protocol.

Compatible to LS50/LS75/ES100/ES100 II/PS5/PS10

No.	Inverter Brand		Model	Com.
1		TBB	Kinergie Pro/Kinergie Pro II/ Apollo Matrix/Apollo Maxx/RiiO/RiiO II/RiiO Sun/RiiO Sun II/Tyrann series	CAN
2		Victron	Multiplus / Quattro 48	CAN
3		DEYE	SUN-3.6K-SG03LP1-EU/ SUN-5K-SG03LP1-EU/ SUN-6K-SG03LP1-EU	CAN
4		Growatt	SPF 5000TL	CAN
5		LUXPOWER	LXP 3K/3.6K/4K/4.6K/5K Hybrid LXP 3600 ACS series/SNA5K(off-grid)	CAN
6		GOODWE*	GW3648D-ES/GW5048D-ES/BP/SBP/EM	CAN
7		SMA*	Sunny Island 4.4M /6.0H/8.0H	CAN
8		MUST*	PV18 2-5.5kW /PH18 2-5.5KW	CAN

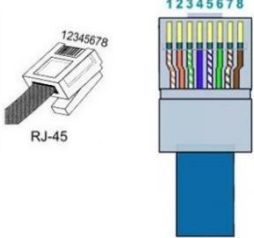
9		SOFAR*	HYD3000-ES	CAN
10		SOLIS*	RHI-3K/3.6K/5K-48ES/RHI-3K-48ES-5G/RHI-3.6K-48ES-5G/RHI-5K-48ES-5G/RHI-6K-48ES-5G	CAN
11		IMEON*	IMEON 3.6/9.12	CAN
12		SUNGROW*	SH5K-30	CAN
13		RENAC*	ESC5000-DS	CAN
14		DELIOS*	DLS-300C、DLS-450C、DLS-600C	CAN
15		SAJ*	Sunfree Series/ H1-3k-S2	CAN
16		SERMATEC*	SMT-5K-TL-LV	CAN
17		Studer Innotec*	Xtender 48V serie VarioString serie VarioTrack 48V serie	CAN
18		Sorotoc*	REVO II 3.2K-48 /REVO II 5.5K-48	CAN
19		Schneider*	Conext Series Products/Conext XW Pro	CAN
20		TSUN*	TSOL-H5.0K-H	CAN
21		MAGAREVO*	R5KL1	CAN

Note:

- 1) TBB first recommends and works with inverter brands that are TBB certified for communication (see brands without *). The inverter brands marked with * have confirmed communication protocol compatibility with TBB low-voltage lithium batteries, but their compatibility has not yet been tested by TBB. Some of these untested brands may be used in combination with TBB low-voltage lithium batteries by customers.
- 2) The compatibility test between TBB lithium batteries and inverters of different brands is an ongoing process. In the future, as more inverters complete compatibility verification, the list of compatible inverters will continue to be updated. Stay tuned for updates.

Communication pin definitions for each model of low-voltage lithium batteries:

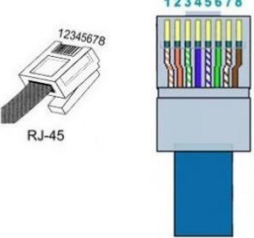
Pin Definition	ES100/ES100 II/PS5/PS10
1	NC
2	NC
3	NC
4	CAN H
5	CAN L
6	NC
7	NC
8	NC



Note:

- 1) The ES100/ES100 II/PS5/PS10 lithium battery CAN port Pin definitions are provided in this table. For the communication port of the inverter, please refer to the respective user manual.
- 2) When connecting ES100, ES100 II, PS5, and PS10 lithium batteries to various inverters for communication, please ensure that the communication cable pins are correctly matched. To do otherwise would result in a communication failure.

Pin Definition	LS50/75
1	NC
2	XGND
3	NC
4	CAN H
5	CAN L
6	NC
7	NC
8	NC



Note:

- 1) The LS50/75 lithium battery CAN port Pin definition is provided in this table. For the communication port of the inverter, please refer to the respective user manual.
- 2) When connecting LS50/75 lithium batteries to various inverters for communication, please ensure that the communication cable pins are correctly matched; otherwise, communication may fail.