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 POWER	TBB	Kinergier Pro/Kinergier Pro II/ Apollo Matrix/Apollo Maxx/RiiO/RiiO II/RiiO Sun/RiiO Sun II/Tyrann series	CAN
2	victron energy	Victron	Multiplus / Quattro 48	CAN
3	Deye	DEYE	SUN-3.6K-SG03LP1-EU/ SUN-5K-SG03LP1-EU/ SUN-6K-SG03LP1-EU	CAN
4	Growatt	Growatt	SPF 5000TL	CAN
5	LUXPOWER TEK	LUXPOWER	LXP 3K/3.6K/4K/4.6K/5K Hybrid LXP 3600 ACS series/SNA5K(off-grid)	CAN
6	GOODWE	GOODWE*	GW3648D-ES/GW5048D-ES/BP/SBP/EM	CAN
7	SMA	SMA*	Sunny Island 4.4M /6.0H/8.0H	CAN
8	MUST	MUST*	PV18 2-5.5kW /PH18 2-5.5KW	CAN

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9	SOFAR SOLAR	SOFAR*	HYD3000-ES	CAN
10	solis	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 ENERGY Your Power, Your Rules	IMEON*	IMEON 3.6/9.12	CAN
12	SUNGROW Clean power for all	SUNGROW*	SH5K-30	CAN
13	RENAC	RENAC*	ESC5000-DS	CAN
14	DELIOS	DELIOS*	DLS-300C、DLS-450C、DLS-600C	CAN
15	SAJ	SAJ*	Sunfree Series/ H1-3k-S2	CAN
16	SERMATEC	SERMATEC*	SMT-5K-TL-LV	CAN
17	STUDER	Studer Innotec*	Xtender 48V serie VarioString serie VarioTrack 48V serie	CAN
18	SOROTEC Power Solutions Expert	Sorotoc*	REVO II 3.2K-48 /REVO II 5.5K-48	CAN
19	Schneider Electric	Schneider*	Conext Series Products/Conext XW Pro	CAN
20	TSUN	TSUN*	TSOL-H5.0K-H	CAN
21	MEGAREVO	MAGAREVO*	R5KL1	CAN

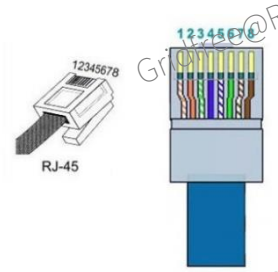
Note:

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:

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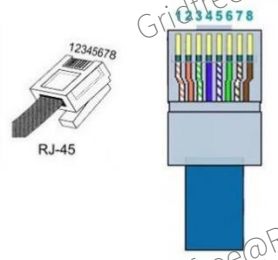
Pin Definition	ES100/ES100 II/PS5/PS10
1	NC
2	NC
3	NC
4	CAN H
5	CAN L
6	NC
7	NC
8	NC



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.

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