List of Lithium Battery Brands Compatible with TBB Inverters V1.4

Last updated:24/9/2024

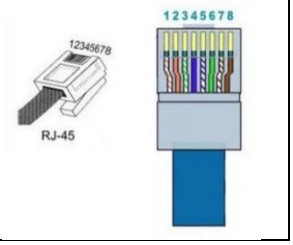
Applicable to: Kinergier Pro / Apollo Matrix / Apollo Maxx / RiiO / RiiO SUN/RiiO Sun II/Tyrann/Kinergier pro II /Ingesola/Matrix II series

No.	Battery Brand		Model	COM
1	TBB POWER	TBB	LS50/LS75/ES100/ES100 II/PS 5/PS 10	CAN
2	PYLONTECH	PYLON	(US2000/ US2000V2/ US3000/ US2000C/ US3000C/ US5000/US5000-B/UP5000/ Phantom-S/ Force-L1/L2/Pelio-L)	CAN
3	WECO	WECO	4K4/ 5K3	CAN
4	shoto	Shoto	SDA10-48100(CAN communication only)	CAN
5	Dyness POWER YOU DAY AND NIGHT.	Dyness	B3/PowerCube B 4850/PowerBox Pro/B51100/PowerCube B3/PowerDepot H5/B4850/A48100/DL5.0C	CAN
6	BSLBATT Best Solution Lithium Battery	BSL	B-LFP48 series, Power Line series	CAN
7	SUNWODA ENERGY	Sunwoda	Atrix Series/Atrix Basic Series/Atrix Smart Series/MonaWall Series/MonaWall SE Series/SunESS Series/SunESS L2 Series	CAN
8	AESON POWER	AESON	APS5000	CAN

Please note:
It is recommended by TBB to communicate with the lithium battery brands listed above. In case you use any other brands, please contact your lithium battery supplier for support.
2） The compatibility test between TBB inverters and different brands of lithium batteries is an on-going process; the list will be added and updated once there are more compatible batteries tested and certified by us.

Pin Definition:：

Pin Definition	TBB Inverter	Battery						
		TBB	PYLON	WECO	Shoto	Dyness	BSL	
1	Prohibited			CAN H				
2	Prohibited			CAN L				
3	RS485-A							

4	CAN H	CAN H	CAN H		CAN H	CAN H	CAN H	
5	CAN L	CAN L	CAN L		CAN L	CAN L	CAN L	
6	RS485-B							
7	Prohibited							
8	Prohibited							

Pin Definition	TBB Inverter	Battery					
		Sunwoda	AESON				
1	Prohibited						
2	Prohibited						
3	RS485-A						
4	CAN H	CAN H	CAN H				
5	CAN L	CAN L	CAN L				
6	RS485-B						
7	Prohibited						
8	Prohibited						

Please note:

1) TBB Inverter's ComSync In port is used for communication with the lithium battery.

2) Pin 1, 2, 7, and 8 of the ComSync In port of the TBB Inverter are for internal use and must not be connected with lithium batteries.

3) The above table on the pin definition is intended for reference only. With the continuous update of the lithium battery module, the pin definition is subject to change based on the battery communication port. For details, please refer to the battery manual.

4) When using the TBB inverter to communicate with each type of lithium battery, please ensure that the pins of the communication line correspond correctly, to do otherwise would result in a communication failure.