

Appendix A

1. Matching list:

V1.5 May 2, 2022

Compatibility list

Victron		Deye Sol-Ark		Afore		Solis	
Voltronic		Studer		SRNE		Empty	
Goodwe		KeLong		SMT		SMA	
Megarevo		Growatt		Empty		Luxpower	

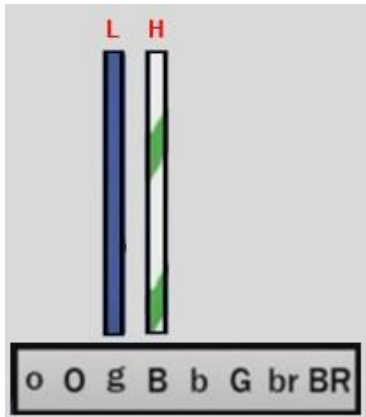
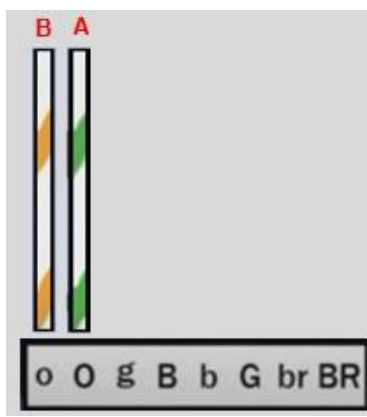
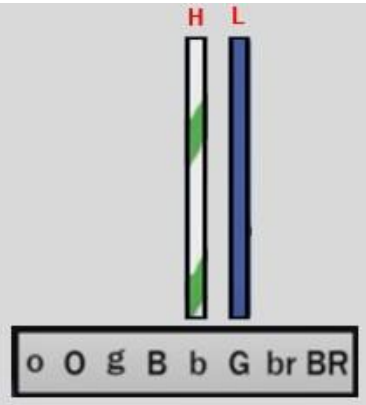
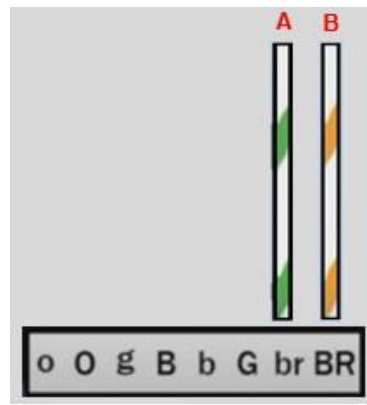
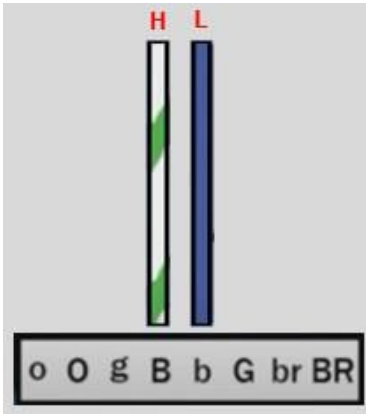
Graphic The black part is the lever

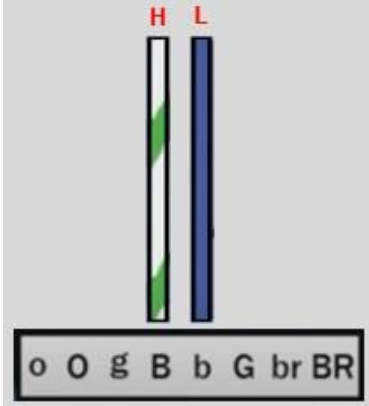
2. Pin Number:

PinNumber	Batthey RS485	Battery CAN	Deye Sol-Ark	Voltronic Hybrid	Voltronic Off-grid	Solis	Afore
1	RS485B		RS485B				
2			RS485A				
3	RS485A	H			RS485B		RS485A
4		L	H	RS485B		H	H
5			L	RS485A	RS485A	L	L
6	GND						RS485B
7			RS485A				
8			RS485B	GND	GND		
PinNumber	Luxpower	SRNE	Growatt	GOODWE	Victron	SMA	Megarevo
1	RS485B		RS485B	RS485A			
2	RS485A		RS485A	RS485B			
3	L						
4	H		H	H		H	H
5		H	L	L		L	L
6		L					GND
7		RS485A			H		RS485A
8		RS485B			L		RS485B

	CAN	RS485
Battery	3-H, 4-L	1-RS485B, 3-RS485A, 6-GND
Deye		1- RS485B, 2- RS485A, 7- RS485A, 8- RS485B
Victron	7-H, 8-L	

Voltronic	Off-grid Inverter 3-RS485B, 5-RS485A, 8-GND	Hybrid Inverter 4- RS485B, 5- RS485A, 8-GND
Goodwe	4-H, 5-L	1- RS485A, 2- RS485B
Growatt	4-H, 5-L	1- RS485B, 2-RS485A

Luxpower	3-H, 4-L	1- RS485B, 2- RS485A
		
SRNE	5-H, 6-L	7- RS485A, 8- RS485B
		
Solis	4-H, 5-L	
		

SMA	4-H, 5-L	
	 <p>The diagram shows two vertical bars, one white with a green diagonal stripe and one solid blue. Above the white bar is a red 'H' and above the blue bar is a red 'L'. Below the bars is a legend box containing the text: o O g B b G br BR</p>	