Appendix C

1. Matching list:

V1.0.4 Jun 17, 2022
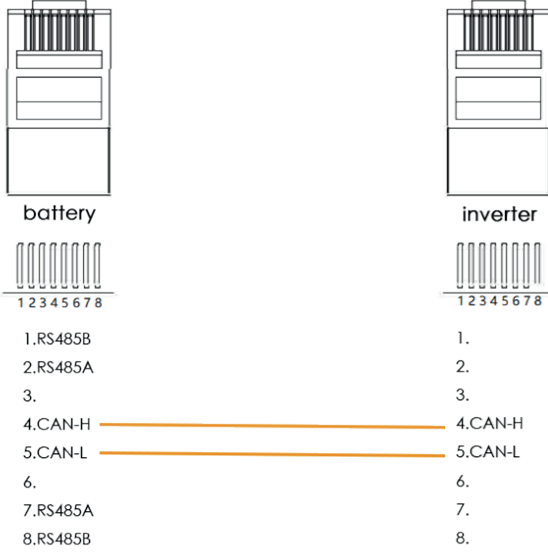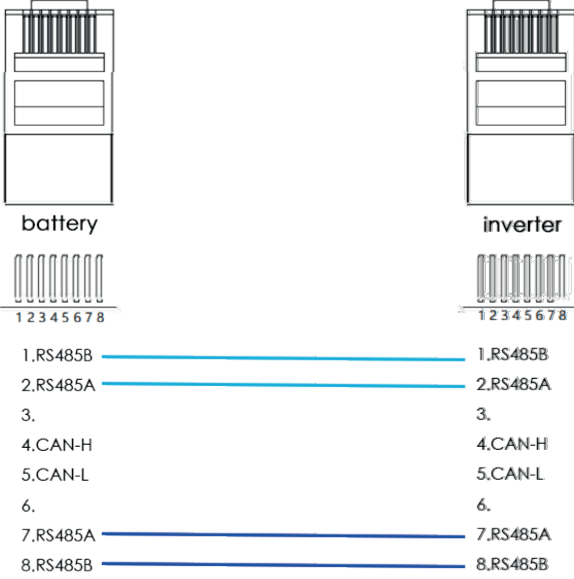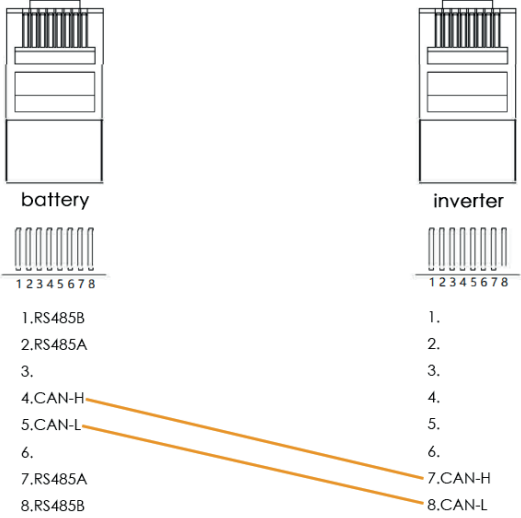
Compatibility list

Victron		Deye sol-ark		Afore		Solis	
Voltronic		Studer		SRNE		Empty	
Goodwe		KeLong		SMT		SMA	
Megarevo		Growatt		Empty		Luxpower	
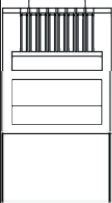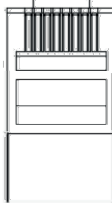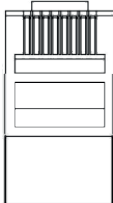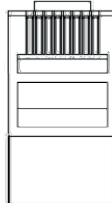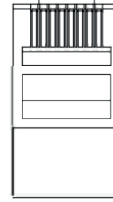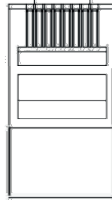
Graphic ▯▮▯▯ The black part is the lever

2. Pin Number:
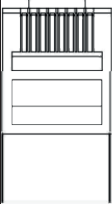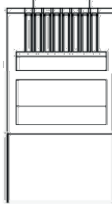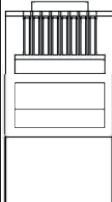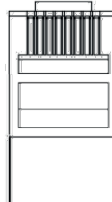
PinNumber	Battey RS485	Battery CAN	Deye Sol-Ark	Voltronic Hybrid	Voltronic Off-grid	Solis	Afore
1	RS485B		RS485B				
2	RS485A		RS485A				
3	GND				RS485B		RS485A
4		H	H	RS485B		H	H
5		L	L	RS485A	RS485A	L	L
6	GND						RS485B
7	RS485A		RS485A				
8	RS485B		RS485B	GND	GND		

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
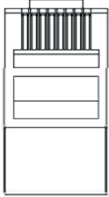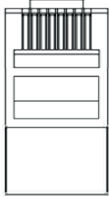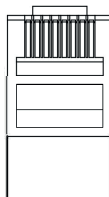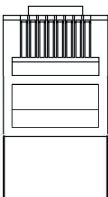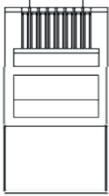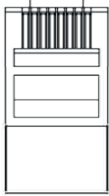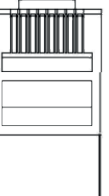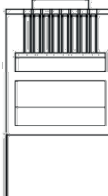
	CAN	RS485
Deye Sol-Ark	4-H, 5-L battery inverter 1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8 1.RS485B 1. 2.RS485A 2. 3. 3. 4.CAN-H —— 4.CAN-H 5.CAN-L —— 5.CAN-L 6. 6. 7.RS485A 7. 8.RS485B 8.	1- RS485B,2- RS485A, 2- 7- RS485A,8- RS485B battery inverter 1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8 1.RS485B —— 1.RS485B 2.RS485A —— 2.RS485A 3. 3. 4.CAN-H 4.CAN-H 5.CAN-L 5.CAN-L 6. 6. 7.RS485A —— 7.RS485A 8.RS485B —— 8.RS485B
Victron	7-H, 8-L battery inverter 1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8 1.RS485B 1. 2.RS485A 2. 3. 3. 4.CAN-H ——＼ 4. 5.CAN-L ——＼＼ 5. 6. 6. 7.RS485A 7.CAN-H 8.RS485B 8.CAN-L	

	CAN	RS485
Voltronic (On-grid)		4- RS485B,5- RS485A,8-GND
Voltronic (Off-grid) **Phocos** **MPP Solar**		3- RS485B,5- RS485A,8-GND

	CAN	RS485
Goodwe	4-H, 5-L	1- RS485A,2- RS485B
	battery / inverter 1.RS485B — 1. 2.RS485A — 2. 3. — 3. 4.CAN-H —— 4.CAN-H 5.CAN-L —— 5.CAN-L 6. — 6. 7.RS485A — 7. 8.RS485B — 8.	battery / inverter 1.RS485B ⟍ 1.RS485A 2.RS485A ⟋ 2.RS485B 3. — 3. 4.CAN-H — 4. 5.CAN-L — 5. 6. — 6. 7.RS485A — 7. 8.RS485B — 8.
Growatt	4-H, 5-L	1- RS485B, 2-RS485A
	battery / inverter 1.RS485B — 1. 2.RS485A — 2. 3. — 3. 4.CAN-H —— 4.CAN-H 5.CAN-L —— 5.CAN-L 6. — 6. 7.RS485A — 7. 8.RS485B — 8.	battery / inverter 1.RS485B —— 1.RS485B 2.RS485A —— 2.RS485A 3. — 3. 4.CAN-H — 4. 5.CAN-L — 5. 6. — 6. 7.RS485A — 7. 8.RS485B — 8.

	CAN	RS485
Luxpower	3-H, 4-L battery / inverter 1.RS485B — 1. 2.RS485A — 2. 3. — 3.CAN-H 4.CAN-H — 4.CAN-L 5.CAN-L — 5. 6. — 6. 7.RS485A — 7. 8.RS485B — 8.	1- RS485B,2- RS485A battery / inverter 1.RS485B —— 1.RS485B 2.RS485A —— 2.RS485A 3. — 3. 4.CAN-H — 4. 5.CAN-L — 5. 6. — 6. 7.RS485A — 7. 8.RS485B — 8.
SRNE	5-H, 6-L battery / inverter 1.RS485B — 1. 2.RS485A — 2. 3. — 3. 4.CAN-H — 4. 5.CAN-L — 5.CAN-H 6. — 6.CAN-L 7.RS485A — 7. 8.RS485B — 8.	7- RS485A,8- RS485B battery / inverter 1.RS485B — 1. 2.RS485A — 2. 3. — 3. 4.CAN-H — 4. 5.CAN-L — 5. 6. — 6. 7.RS485A —— 7.RS485A 8.RS485B —— 8.RS485B

	CAN	RS485
Solis	4-H, 5-L battery inverter 1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8 1.RS485B 1. 2.RS485A 2. 3. 3. 4.CAN-H ———————— 4.CAN-H 5.CAN-L ———————— 5.CAN-L 6. 6. 7.RS485A 7. 8.RS485B 8.	
SMA	4-H, 5-L battery inverter 1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8 1.RS485B 1. 2.RS485A 2. 3. 3. 4.CAN-H ———————— 4.CAN-H 5.CAN-L ———————— 5.CAN-L 6. 6. 7.RS485A 7. 8.RS485B 8.	

![Pytes logo]

	CAN	**RS485**
Afore	4-H, 5-L	3- RS485A,6- RS485B
	CAN	**RS485**
Megarevo	4-H, 5-L	3- RS485A,6- RS485B