

NOTICE: If your battery connect with a Hub, please skip to page 8.

1. Matching list:

Appendix D

V1.0.0 Jul 4, 2022

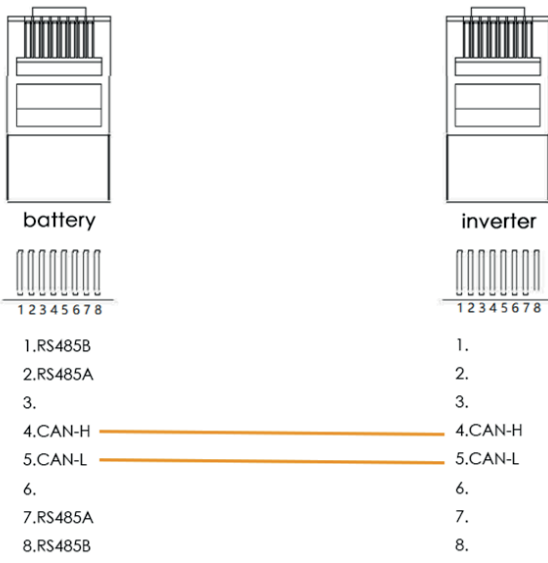
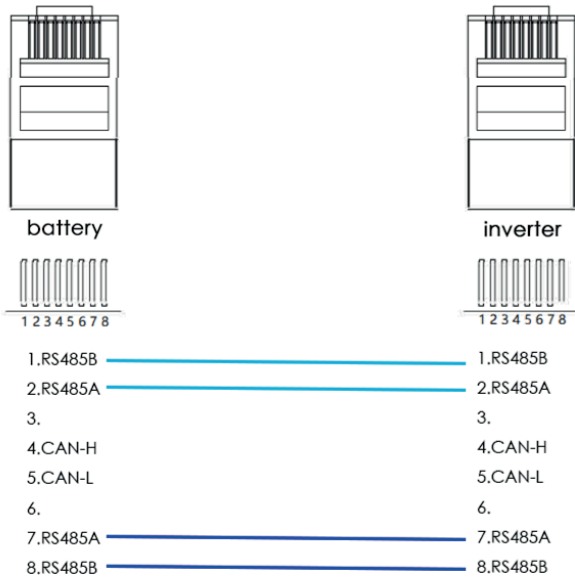
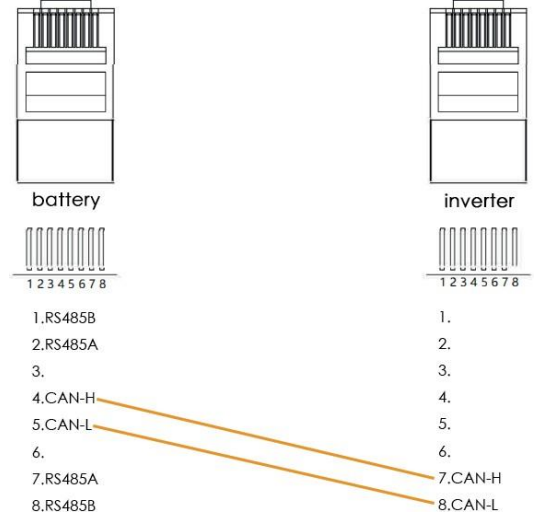
Compatibility list

Victron		Deye		Afore		Solis	
Voltronic		Studer		SRNE		Empty	
Goodwe		Kelong		SMT		SMA	
Megarevo		Growatt		Empty		Luxpower	

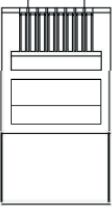
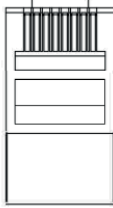
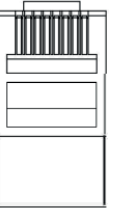
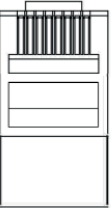
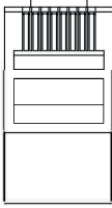
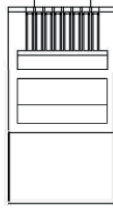
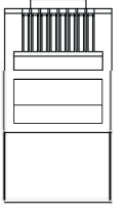
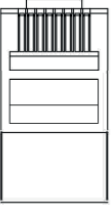
Graphic  The black part is the lever

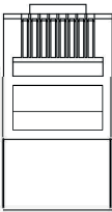
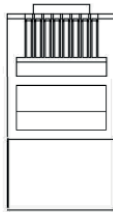
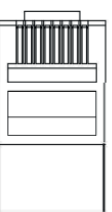
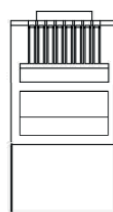
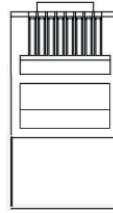
2. Pin Number:

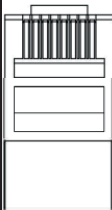
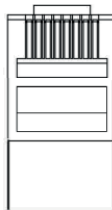
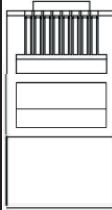
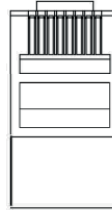
PinNumber	Batley RS485	Battery CAN	Deye Sol-Ark	Voltronic Hybrid	Voltronic Off-grid	Solis	Afore
1	RS485B		RS485B				
2	RS485A		RS485A				
3	GND				RS485B		RS485A
4		H	H	RS485B		H	H
5		L	L	RS485A	RS485A	L	L
6	GND						RS485B
7	RS485A		RS485A				
8	RS485B		RS485B	GND	GND		
PinNumber	Luxpower	SRNE	Growatt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

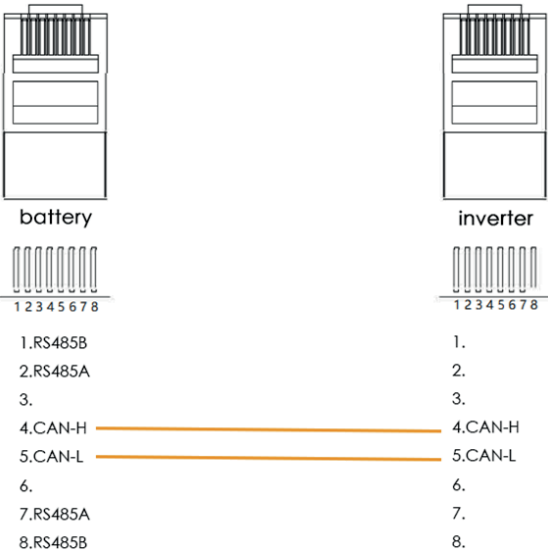
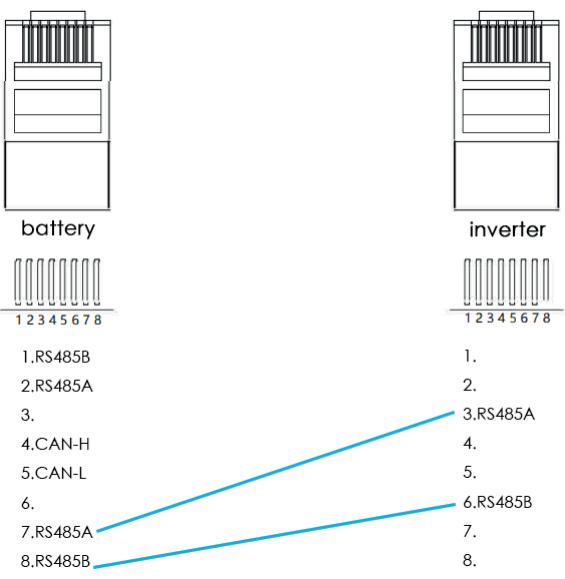
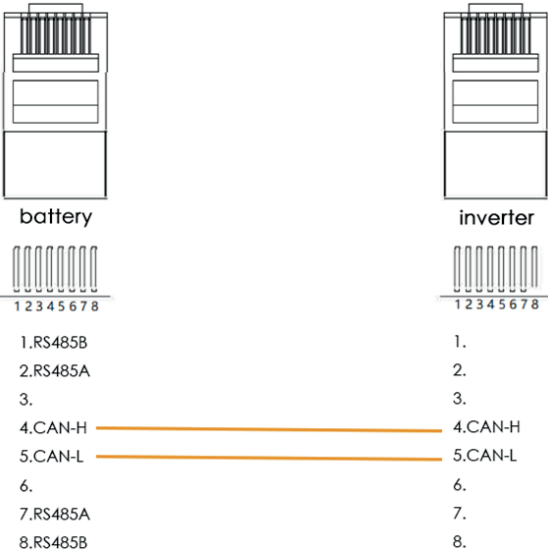
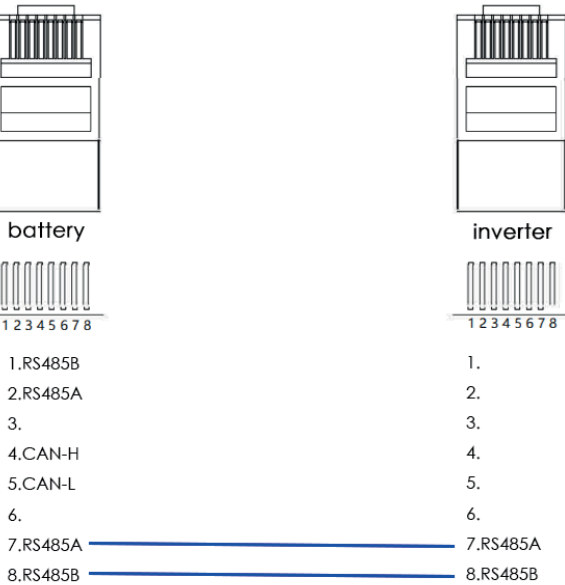
	CAN	RS485
Deye Sol-Ark	4-H, 5-L	1- RS485B, 2- RS485A, 2- 7- RS485A, 8- RS485B
	 battery 1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B inverter 1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.	 battery 1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B inverter 1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L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

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

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

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

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

	CAN	RS485
	4-H, 5-L	3- RS485A,6- RS485B
Afore	 battery 1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B inverter 1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.	 battery 1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B inverter 1. 2. 3.RS485A 4. 5. 6.RS485B 7. 8.
Megarevo	 battery 1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B inverter 1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.	 battery 1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B inverter 1. 2. 3. 4. 5. 6. 7.RS485A 8.RS485B

3. How to connect with a Hub

1) ADD setting on the Hub

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) ADD setting on the battery

Battery group list

Group1		Group5	
Group2		Group6	
Group3		Group7	
Group4		Group8	

Graphic  The black part is the lever

3) Communication between Hub and inverter (sequence)

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