














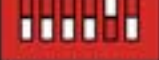



Appendix

1. Matching list:

V1.0 August.2, 2023

Compatibility list

Victron		Deye		Afore		Solis	
Voltronic		Studer		SRNE		MUST	
Goodwe		Kelong		SMT		SMA	
Megarevo		Growatt		hoymiles		Luxpower	
APS		Ingeteam		Sol-Ark			



2. Pin Number:

PinNumber	Batthey RS485	Battery CAN	Deye Sol-Ark	Voltronic Hybrid	Voltronic Off-grid	Solis/SMA	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/Hoymiles	SRNE	Growatt	GOODWE	Victron	MUST	Megarevo
1			RS485B	RS485A			
2			RS485A	RS485B			
3							
4	H		H	H			H
5	L	H	L	L		L	L
6		L				H	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
	<p>battery</p> <p>inverter</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p>	<p>battery</p> <p>inverter</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p>
Victron	7-H, 8-L	
	<p>battery</p> <p>inverter</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3. 4. 5. 6. 7.CAN-H 8.CAN-L</p>	

	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
Goodwe	4-H, 5-L	1- RS485A, 2- RS485B
	<p>battery</p> <p>inverter</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p>	<p>battery</p> <p>inverter</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1.RS485A 2.RS485B 3. 4. 5. 6. 7. 8.</p>
Growatt Solis SMA hoymiles	4-H, 5-L	
	<p>battery</p> <p>inverter</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p>	

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

