





















## 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			

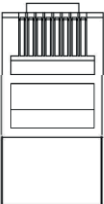
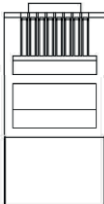
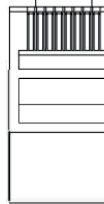
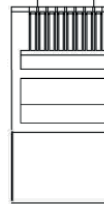
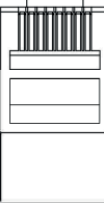



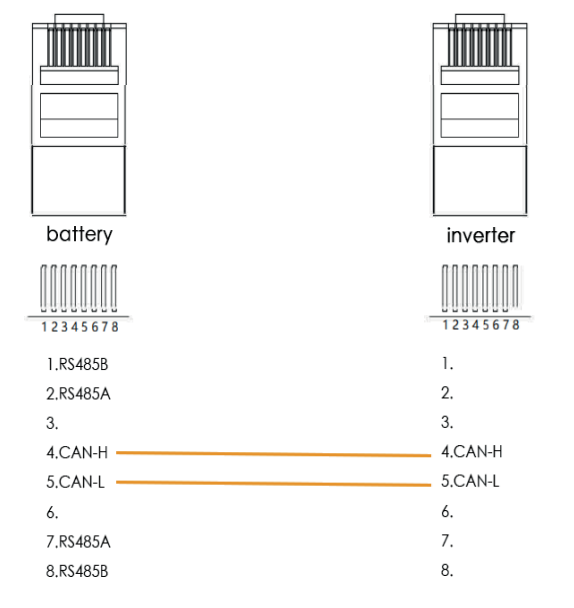
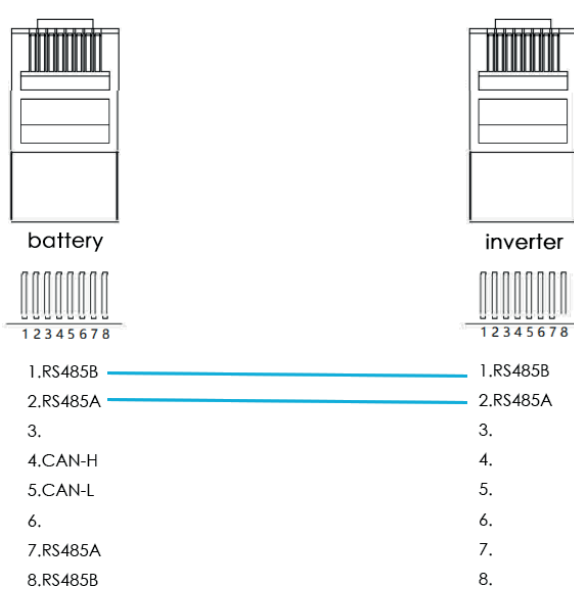
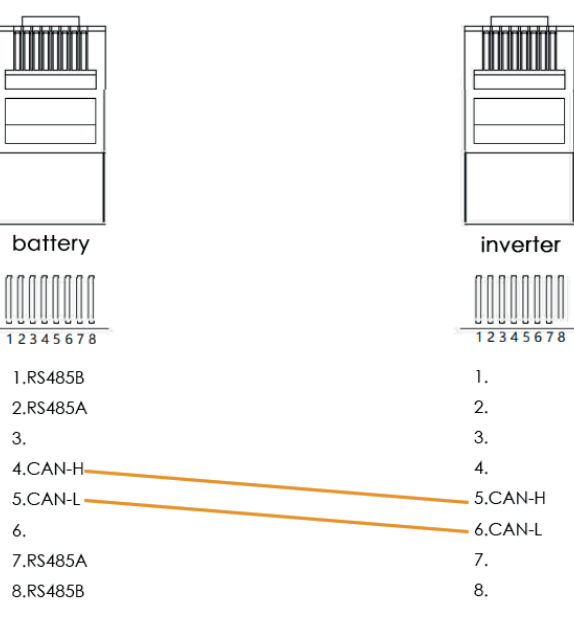
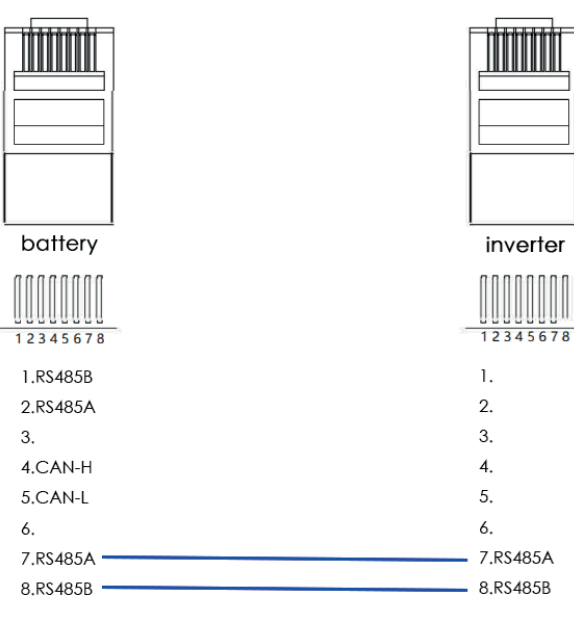
### 2. Pin Number:

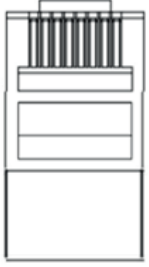



PinNumber	Batthey RS485	Battery CAN	Deye Sol-Ark	Voltronic Hybrid	Voltronic Off-grid	Solis/SMA	Afore
1	RS485B		RS485B				
2	RS485A		RS485A				
3	GND				RS485B		RS485A
4		H	H	RS485B		H	H
5		L	L	RS485A	RS485A	L	L
6	GND						RS485B
7	RS485A		RS485A				
8	RS485B		RS485B	GND	GND		
PinNumber	Luxpower/Hoymiles	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
<p><b>Deye</b> <b>Sol-Ark</b></p>	<p>4-H, 5-L</p>	<p>1- RS485B, 2- RS485A, 2- 7- RS485A, 8- RS485B</p>
	<p>7-H, 8-L</p>	

	CAN	RS485
<b>Voltronic (On-grid)</b>		4- RS485B,5- RS485A,8-GND
		<p>battery</p> <p>inverter</p> <p>1 2 3 4 5 6 7 8</p> <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3. 4.RS485B 5.RS485A 6. 7. 8.</p>
<b>Voltronic (Off-grid)</b>		3- RS485B,5- RS485A,8-GND
	<b>Phocos</b>  <b>MPP Solar</b>	<p>battery</p> <p>inverter</p> <p>1 2 3 4 5 6 7 8</p> <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3.RS485B 4. 5.RS485A 6. 7. 8.</p>

	CAN	RS485
<b>Goodwe</b>	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>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>
<b>Growatt Solis SMA hoymiles</b>	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>	

	CAN	RS485
<b>Luxpower</b>	4-H, 5-L	1- RS485B, 2- RS485A
	 <p>Diagram showing the pinout for the Luxpower CAN connector. The battery side (left) has pins 1-8. The inverter side (right) has pins 1-8. Connections are shown as follows:</p> <ul style="list-style-type: none"> <li>4.CAN-H (Battery) to 4.CAN-H (Inverter)</li> <li>5.CAN-L (Battery) to 5.CAN-L (Inverter)</li> </ul>	 <p>Diagram showing the pinout for the Luxpower RS485 connector. The battery side (left) has pins 1-8. The inverter side (right) has pins 1-8. Connections are shown as follows:</p> <ul style="list-style-type: none"> <li>1.RS485B (Battery) to 1.RS485B (Inverter)</li> <li>2.RS485A (Battery) to 2.RS485A (Inverter)</li> </ul>
<b>SRNE</b>	5-H, 6-L	7- RS485A, 8- RS485B
	 <p>Diagram showing the pinout for the SRNE CAN connector. The battery side (left) has pins 1-8. The inverter side (right) has pins 1-8. Connections are shown as follows:</p> <ul style="list-style-type: none"> <li>4.CAN-H (Battery) to 5.CAN-H (Inverter)</li> <li>5.CAN-L (Battery) to 6.CAN-L (Inverter)</li> </ul>	 <p>Diagram showing the pinout for the SRNE RS485 connector. The battery side (left) has pins 1-8. The inverter side (right) has pins 1-8. Connections are shown as follows:</p> <ul style="list-style-type: none"> <li>7.RS485A (Battery) to 7.RS485A (Inverter)</li> <li>8.RS485B (Battery) to 8.RS485B (Inverter)</li> </ul>

	CAN	
<p><b>MUST</b></p>	<p>5-L, 6-H</p>	
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>battery</p>  <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> <li>4. CAN-H</li> <li>5. CAN-L</li> <li>6.</li> <li>7.</li> <li>8.</li> </ol> </div> <div style="text-align: center;">  <p>inverter</p>  <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5. CAN-L</li> <li>6. CAN-H</li> <li>7.</li> <li>8.</li> </ol> </div> </div>	