

Appendix C

1. Matching list:

V1.2 Mar 31, 2022

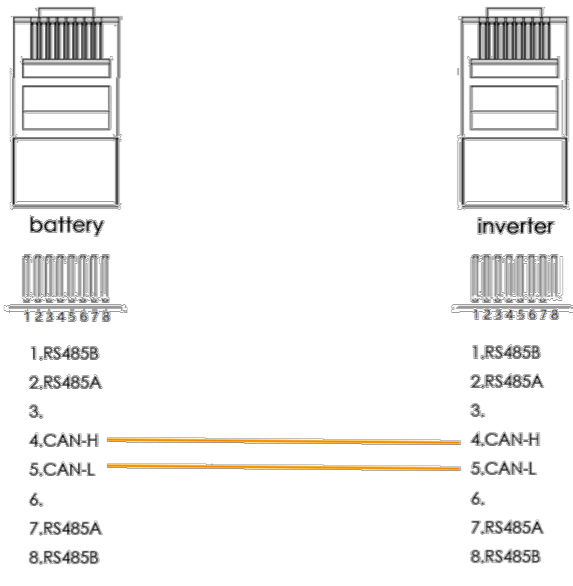
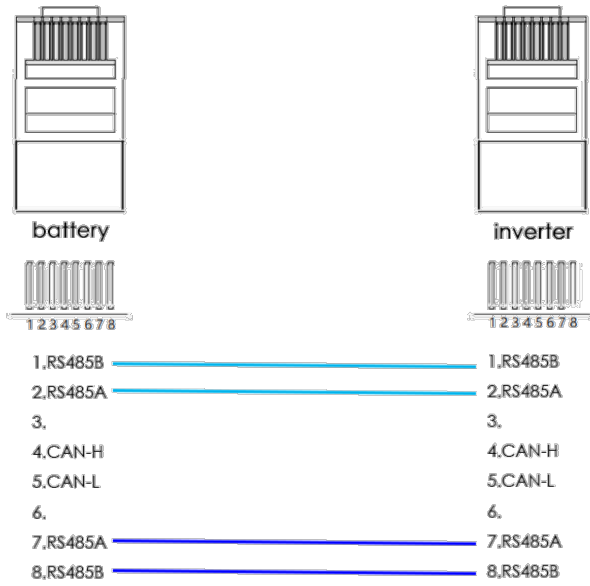
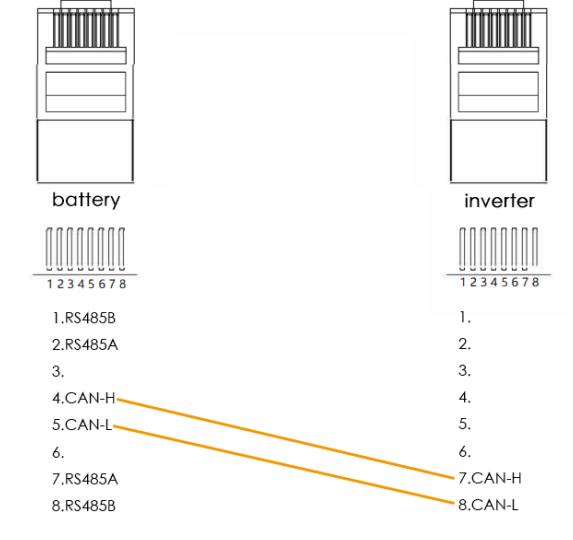
Compatibility list

| | | | | | | | |
|-----------|--|--------------|--|-------|--|----------|--|
| Victron | | Deye sol-ark | | Afore | | Solis | |
| Voltronic | | Studer | | SRNE | | Empty | |
| Goodwe | | KeLong | | SMT | | SMA | |
| Megarevo | | Growatt | | Empty | | Luxpower | |

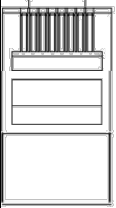

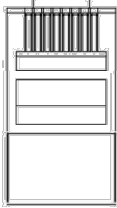

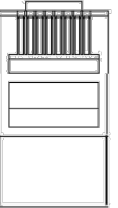

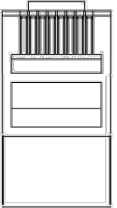

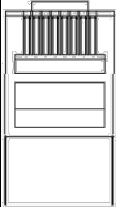
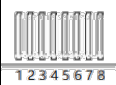
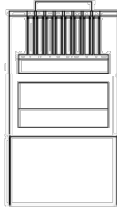

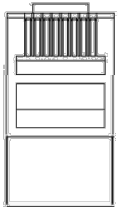

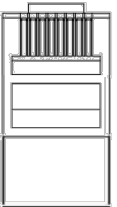

Graphic The black part is the lever


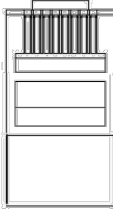
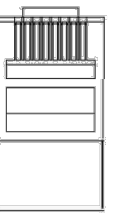
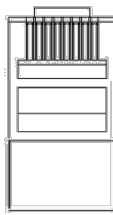
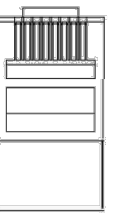
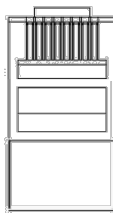
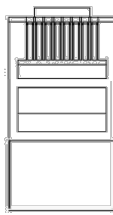
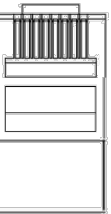
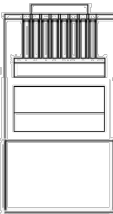
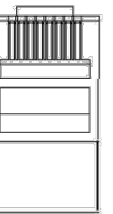
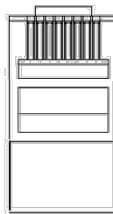
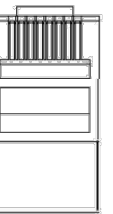
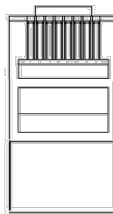
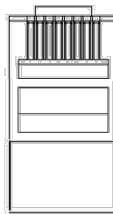
2. Pin Number:



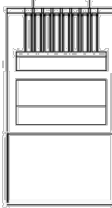

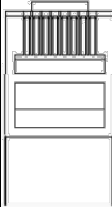

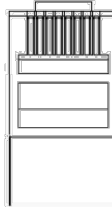

| PinNumber | Batthey RS485 | Battery CAN | Deye | Voltronic Hybrid | Voltronic Off-grid | Solis | Afore |
|-----------|---------------|-------------|---------|------------------|--------------------|-------|----------|
| 1 | RS485B | | RS485B | | | | |
| 2 | RS485A | | RS485A | | | | |
| 3 | GND | | | | 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 |





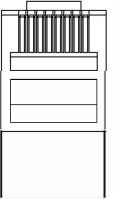

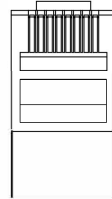

| | CAN | RS485 |
|----------------|--|---|
| Deye | 4-H, 5-L | 1- RS485B, 2- RS485A, 2- 7- RS485A, 8- RS485B |
| |  <p>Diagram showing CAN pinout for Deye. The battery side (left) and inverter side (right) are shown. The battery side has pins 1-8, with 4 labeled CAN-H and 5 labeled CAN-L. The inverter side has pins 1-8, with 4 labeled CAN-H and 5 labeled CAN-L. Orange lines connect the battery CAN-H to the inverter CAN-H and the battery CAN-L to the inverter CAN-L.</p> |  <p>Diagram showing RS485 pinout for Deye. The battery side (left) and inverter side (right) are shown. The battery side has pins 1-8, with 1 labeled RS485B, 2 labeled RS485A, 4 labeled CAN-H, and 5 labeled CAN-L. The inverter side has pins 1-8, with 1 labeled RS485B, 2 labeled RS485A, 4 labeled CAN-H, and 5 labeled CAN-L. Blue lines connect the battery RS485B to the inverter RS485B, the battery RS485A to the inverter RS485A, the battery CAN-H to the inverter CAN-H, and the battery CAN-L to the inverter CAN-L.</p> |
| Victron | 7-H, 8-L | |
| |  <p>Diagram showing CAN pinout for Victron. The battery side (left) and inverter side (right) are shown. The battery side has pins 1-8, with 4 labeled CAN-H and 5 labeled CAN-L. The inverter side has pins 1-8, with 7 labeled CAN-H and 8 labeled CAN-L. Orange lines connect the battery CAN-H to the inverter CAN-H and the battery CAN-L to the inverter CAN-L.</p> | |

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

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

| | CAN | | RS485 | |
|-----------------|---|--|--|--|
| Luxpower | 3-H, 4-L | | 1- RS485B,2- RS485A | |
| |  <p>battery</p>  <p>inverter</p> <p>12345678</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>12345678</p> <p>1. 2. 3.CAN-H 4.CAN-L 5. 6. 7. 8.</p> |  <p>battery</p>  <p>inverter</p> <p>12345678</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> |  <p>inverter</p> <p>12345678</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>12345678</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>12345678</p> <p>1. 2. 3. 4. 5.CAN-H 6.CAN-L 7. 8.</p> |  <p>battery</p>  <p>inverter</p> <p>12345678</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> |  <p>inverter</p> <p>12345678</p> <p>1. 2. 3. 4. 5. 6. 7.RS485A 8.RS485B</p> |

| | CAN | RS485 |
|--------------|---|-------|
| Solis | 4-H, 5-L | |
| | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>battery</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> </div> <div style="text-align: center;">  <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p> </div> </div> | |
| SMA | 4-H, 5-L | |
| | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>battery</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> </div> <div style="text-align: center;">  <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p> </div> </div> | |

| | CAN | RS485 |
|--------------|---|---|
| Afore | 4-H, 5-L | 3- RS485A,6- RS485B |
| | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>battery</p>  <p>12345678</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> </div> <div style="text-align: center;">  <p>inverter</p>  <p>12345678</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p> </div> </div> | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>battery</p>  <p>12345678</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> </div> <div style="text-align: center;">  <p>inverter</p>  <p>12345678</p> <p>1. 2. 3.RS485A 4. 5. 6.RS485B 7. 8.</p> </div> </div> |