

## Inverter Compatibility

This document gives an overview of taylor compatible inverters, and the procedure on how to connect the inverter to the taylor gateway.

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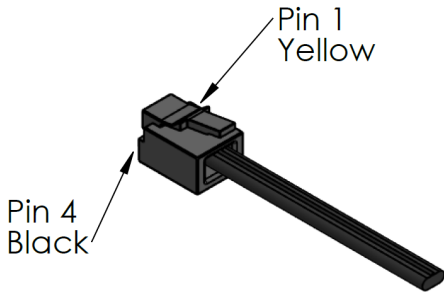
The actions described in this manual should only be executed by trained professionals. Use this manual in combination with the inverter manual received with your inverter.

### General information

Between the gateway and the inverter a communication cable needs to be connected. The cable can be ordered separately, or assembled using below instructions. .

### Gateway RJ11 connector

On one side, the cable is connected to the gateway using a RJ11 connector, the other side is connected to the inverter. The cable can be ordered, or assembled by the installer. If done by the installer himself/herself, make sure the RJ11 connector pin out is as depicted below.



RJ11 PIN	Wire color	Function
1	Yellow	N/A
2	Green	RS485-
3	Red	RS485+
4	Black	GND

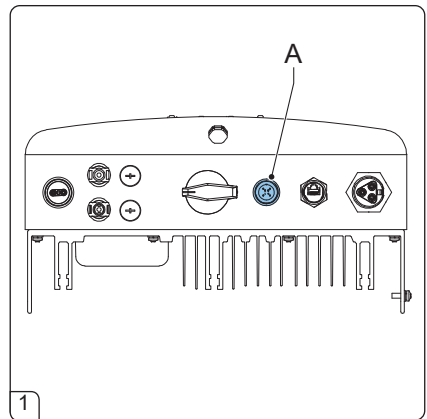


**Note that the pin out color code is different compared to standard RJ11 pin out.**

### 3. Solis

Necessary items:

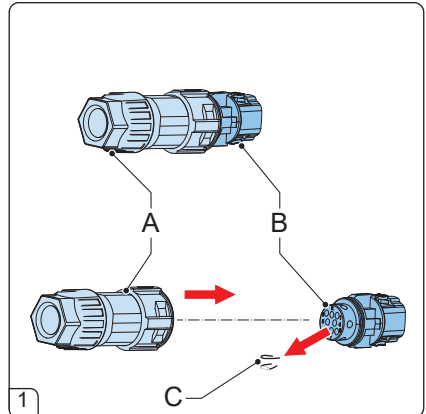
- A. Data cable: part number TAYLOR-GTW-C-SL. Order separately from the gateway.
1. Connect the plug to connection (A).



## 4. Goodwe XS-Serie

Necessary items:

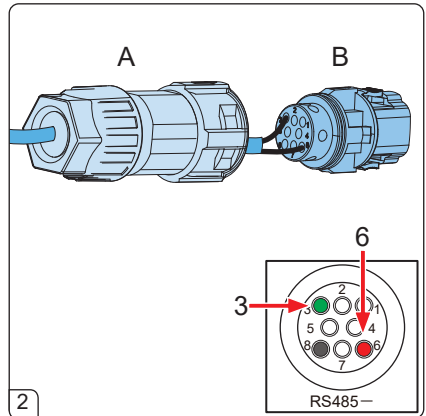
- A. Data cable: part number TAYLOR-GTW-C-00, order separately from the gateway.
  - B. RS-485 Connector, delivered with the inverter.
1. Disassemble the connector(A)(B).
  2. Remove the resistor (C).



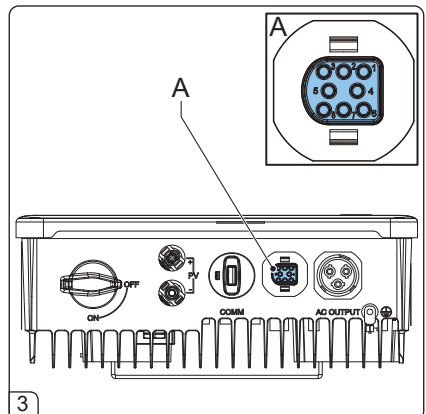
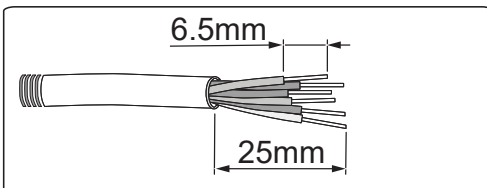
3. Route the taylor data cable through the cable gland (A)

4. Connect the data cable to part B, refer to the table:

Wire	Wire color	Connect to pin
+	Red	6
-	Green	3
	Yellow	not connected
	Black	not connected

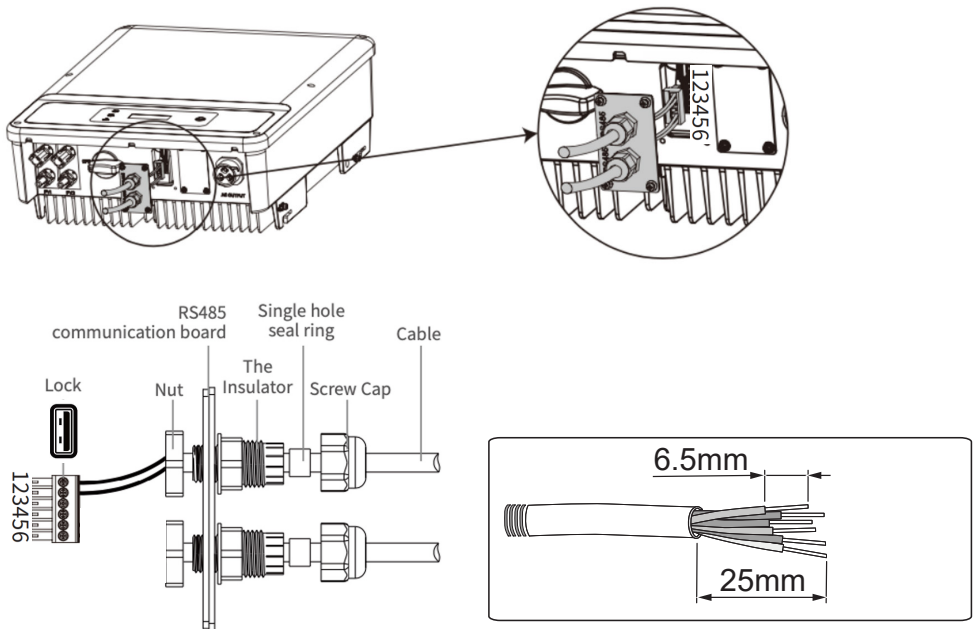


5. Connect the plug to connection (A).



## 5. Goodwe DNS

1. Demount the RS485 board from the inverter.
2. Pul the cable trough the screwcap & RS485 board
3. Connect it onto the lock - using the tabel on the bottom of this page.
4. Mount the RS485 board back as depicted below.



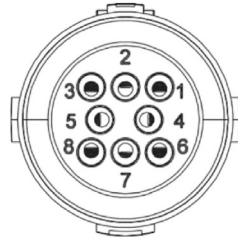
3. Connect the data cable, refer to the table:

Wire	Wire color	Connect to pin
+	Red	1
-	Green	2
	Yellow	not connected
	Black	not connected

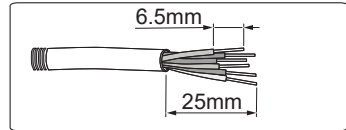
## 6. FoxESS S series - G2

Necessary items:

- A. Data cable: part number TAYLOR-GTW-C-00, order separately from the gateway.
- B. 8 pin FOX Connector, delivered with the inverter.

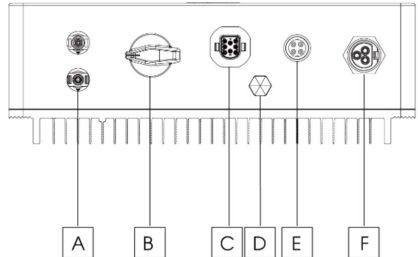


1. Disassemble the connector.



2. Connect the data cable, refer to the table:

Wire	Wire color	Connect to pin
+	Red	1
-	Green	2
	Yellow	not connected
	Black	6



3. Assemble the connector.
4. Connect the plug to connection (C).

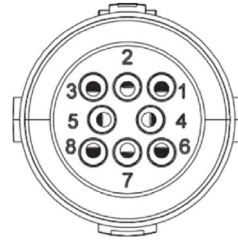


**Make sure the firmware of the inverter is updated to version 1.24/0.14/A32 or higher.**

## 7. FoxESS T series - G3

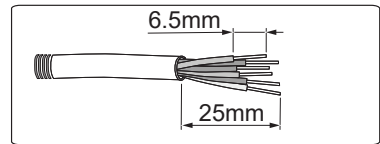
Necessary items:

- A. Data cable: part number TAYLOR-GTW-C-00, order separately from the gateway.
- B. 8 pin FOX Connector, delivered with the inverter.

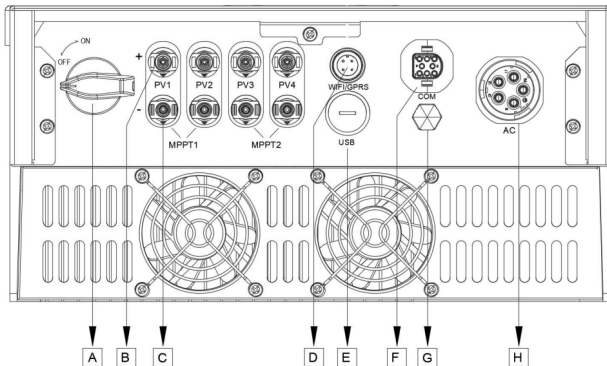


1. Disassemble the connector.
2. Connect the data cable, refer to the table:

Wire	Wire color	Connect to pin
+	Red	2
-	Green	1
	Yellow	not connected
	Black	5



3. Assemble the connector.
4. Connect the plug to connection (C).



**Make sure the firmware of the inverter is updated to version 1.19/1.00/1.14 or higher.**