PV Link Checklist

In order to improve the implementation process, please follow the recommendations below before starting it.

Preparing the inverters	
Connect the RS485 communication cable from PV Link (RS485-1 port) in series to other inverters	☐
Power the inverters on the AC side	☐
Update the firmware to the latest available version	☐
Set modbus ID – different IDs on different inverters on the same RS485 loop	☐
Set the communication protocol: • Modbus (for most inverters) • Sunspec (e.g. for Solar Edge inverters)	☐
Set serial communication parameters: • Baud Rate: 9600 • Parity: N • Stop Bits: 1 • byte size: 8	☐
Disconnect other devices from the RS485, RS232 communication ports – simultaneous connection of another device to the serial ports disrupts the serial communication	☐
RS485 serial communication	
It is recommended to use shielded 24 AWG network cables with an internal resistance of less than or equal to 1.5 Ohm/10 m and an external average of 4.5 mm to 7.5 mm as RS485 communication cables. When laying communication cables, make sure that they are separated from the power cables and that they are away from sources of interference to prevent communication interference.	

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