

GoodWe Modbus TCP/IP Communication Solution

VER 02, UPDATED ON APR 26, 2021

GoodWe provides a communication protocol on storage inverters through MODBUS RTU or TCP/IP, which is a communication solution with third party devices.

● **Compatibility Map:**

	MODBUS RTU		MODBUS TCP/IP	
	Compatibility	Firmware	Compatibility	Firmware
ES/EM/SBP	√	ARM 01 or higher	×	NA
EH/BH/ET/BT	√	ARM 01 or higher	√	ARM 13 or higher

● **Requirements of Using MODBUS TCP Protocol:**



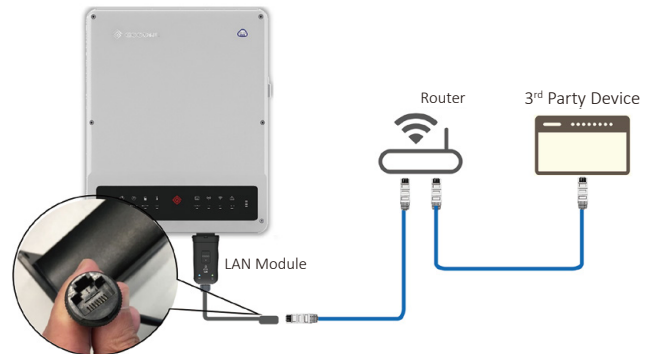
1. Firmware of ARM chip shall be 13 or higher version
2. Use LAN module instead of Wi-Fi module
Note: As the default communication method is by Wi-Fi, LAN modules for MODBUS TCP communication shall be purchased separately from GoodWe and take over Wi-Fi module.
3. Please contact GoodWe sales to apply for the document

● **Wirings Diagrams for MODBUS TCP Communication**

1. Direct connection to LAN module



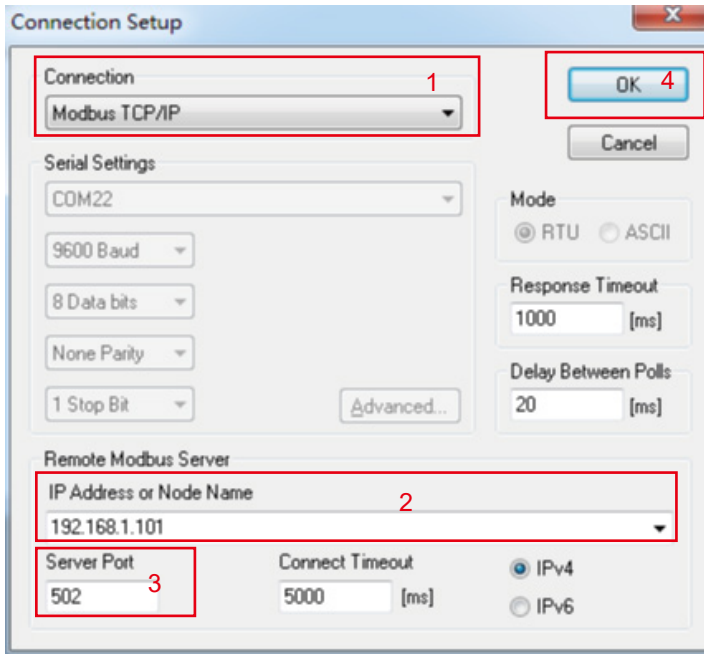
2. Connect in the Ethernet network with inverter



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● Configuration



1. Set the connection to “Modbus TCP/IP”
2. Set the IP address, make sure the IP address of the inverter and third-party device under the same segment.
3. Set the server port to “502”
4. Click “OK”

Note:

1. For network connection, please follow the *LAN Module Installation Manual* of GoodWe.
2. This instruction could be updated without notice as the solution could be modified.

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