

GoodWe Modbus TCP/IP Communication Solution

VER 01, UPDATED ON SEP 24, 2020

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:



LAN Module

1. Firmware of ARM chip shall be 13 or higher version

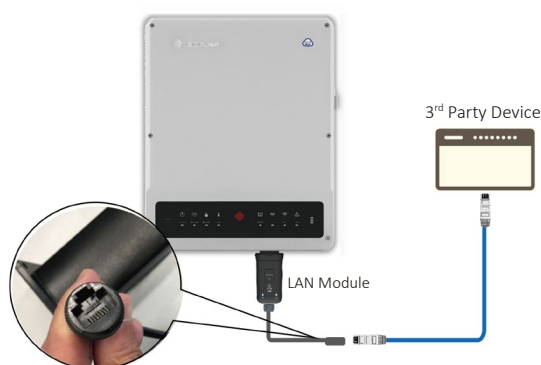
2. Use LAN module instead of Wi-Fi module

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.

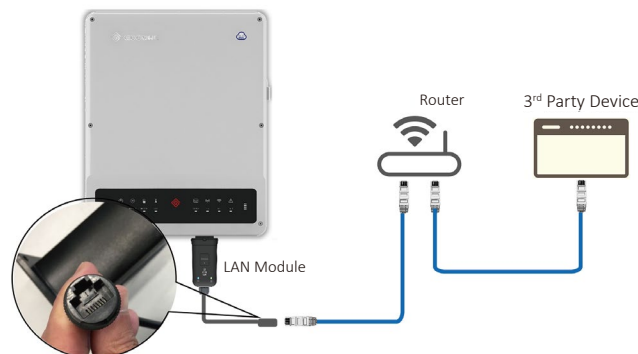
3. Please contact GoodWe sales to apply for the document

● Wirings Diagrams for MODBUS TCP Communication

1. Direct connection to LAN module



2. Connect in the Ethernet network with inverter



Note:

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