

# GoodWe Modbus TCP/IP Communication Solution

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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	√	ARM 15 or higher
ET/BT/EH/BH/EHB	√	ARM 01 or higher	√	ARM 13 or higher
ETC/BTC	√	ARM 01 or higher	×	/

## ● Requirements of Using MODBUS TCP Protocol:



LAN Module /Wifi+Lan Module

1. Firmware of ARM chip shall be 13 or higher version for high voltage battery inverter , or the firmware of ARM chip shall be 15 or higher version for low voltage battery inveter.

2. Use LAN module or Wifi+Lan module instead of Wi-Fi module  
 Note: As the default communication method is by Wi-Fi, LAN modules or wifi+Lan module 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

## ● Module select

There are 2 types of Wifi+Lan Module: 5 pin terminal and USB terminal. Different inverter use different modules. Please refer to the following table.

	Compatibility
ES/ET/BT/EH/BH/EHB	USB terminal module
EM/SBP	5 pin terminal module