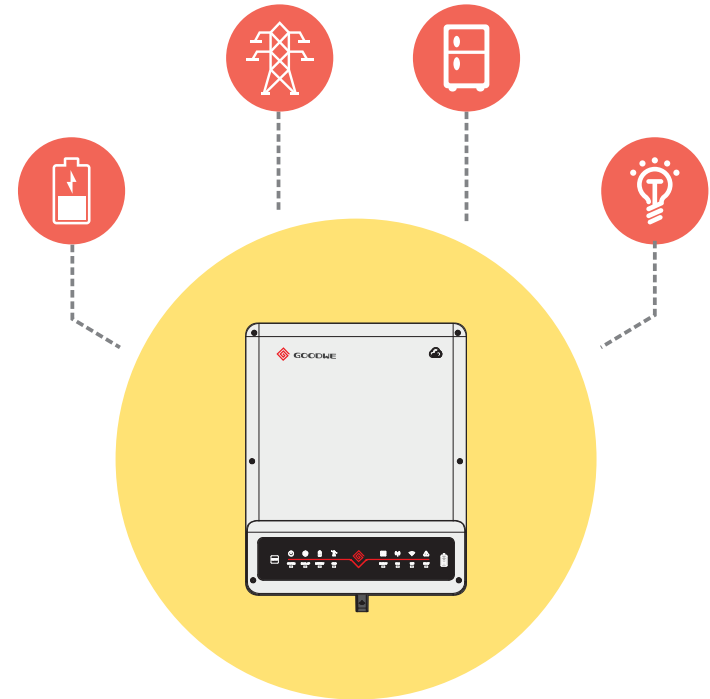




QR Code For  
Andriod System



QR Code For  
iOS System



## ET QUICK INSTALLATION INSTRUCTIONS

### PART 1

QUICK  
INSTALLATION

### PART 2

BATTERY  
CONNECTION

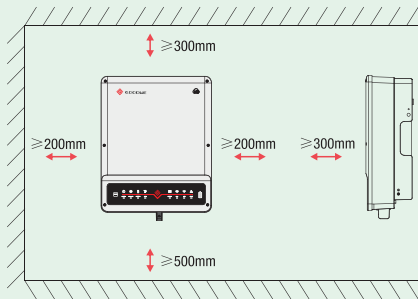
### PART 3

WI-FI  
CONFIGURATION

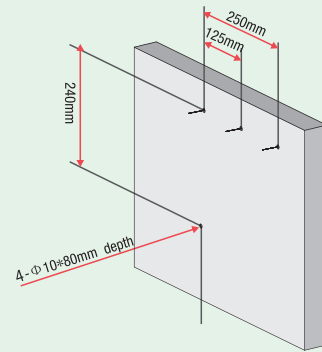
## Step 1. Instructions For Quick Installation

### A Installation Space

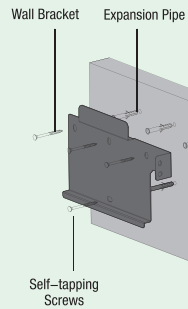
Upward -----300mm  
 Downward -----500mm  
 Front -----300mm  
 Left and right side -----200mm



### B Dimensions For Drilling Holes

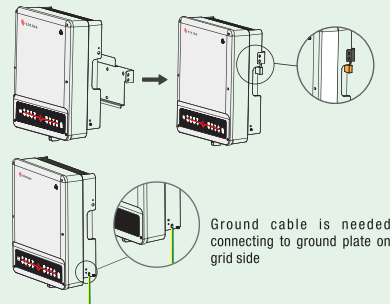


### C Fix the Wall Bracket

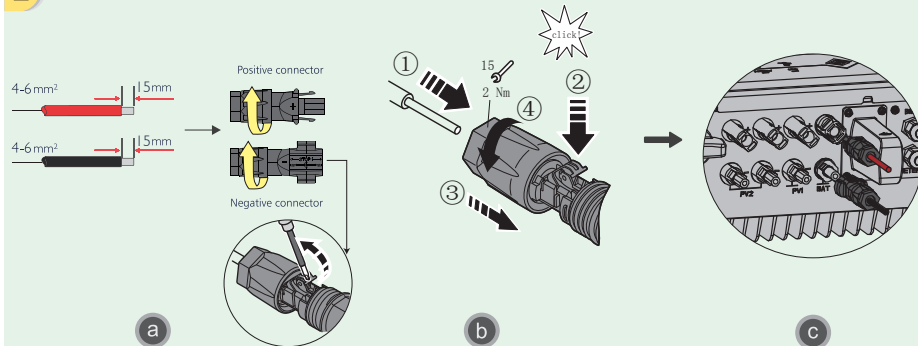


### D Installation

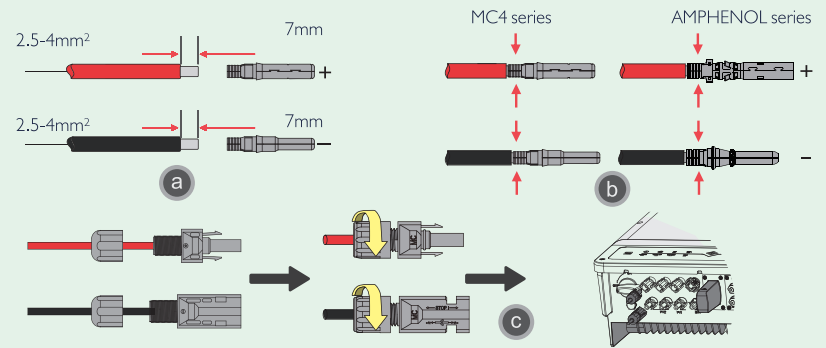
Inverter could be locked for anti-theft, if it is needed.



### E Battery Wire Assembly and Connection

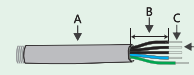


### F PV Wire Assembly and Connection



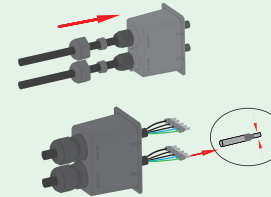
### G AC Cable Assembly and Connection

AC Cable: 6mm² Copper Conductor Material



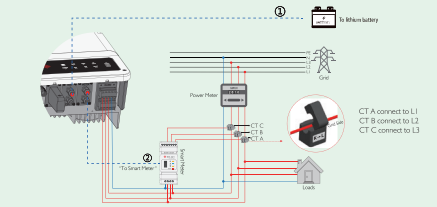
Grade	Description	Value
A	Outside Diameter	13-18 mm
B	Separated wire length	20-25mm
C	Conduct wire length	7-9mm
D	Conduct core section	4-6mm²

Prepare the terminals and AC cables according to the left table



Note: Make sure the cables (L/N/PE) are connected to right position

### H Communication Cable Connection

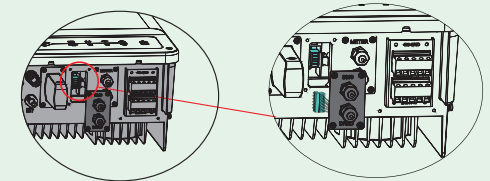
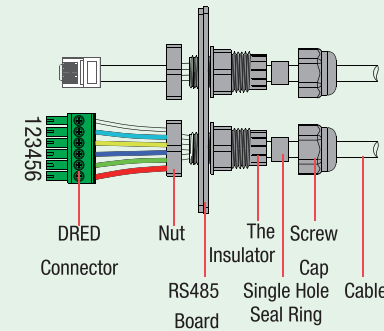


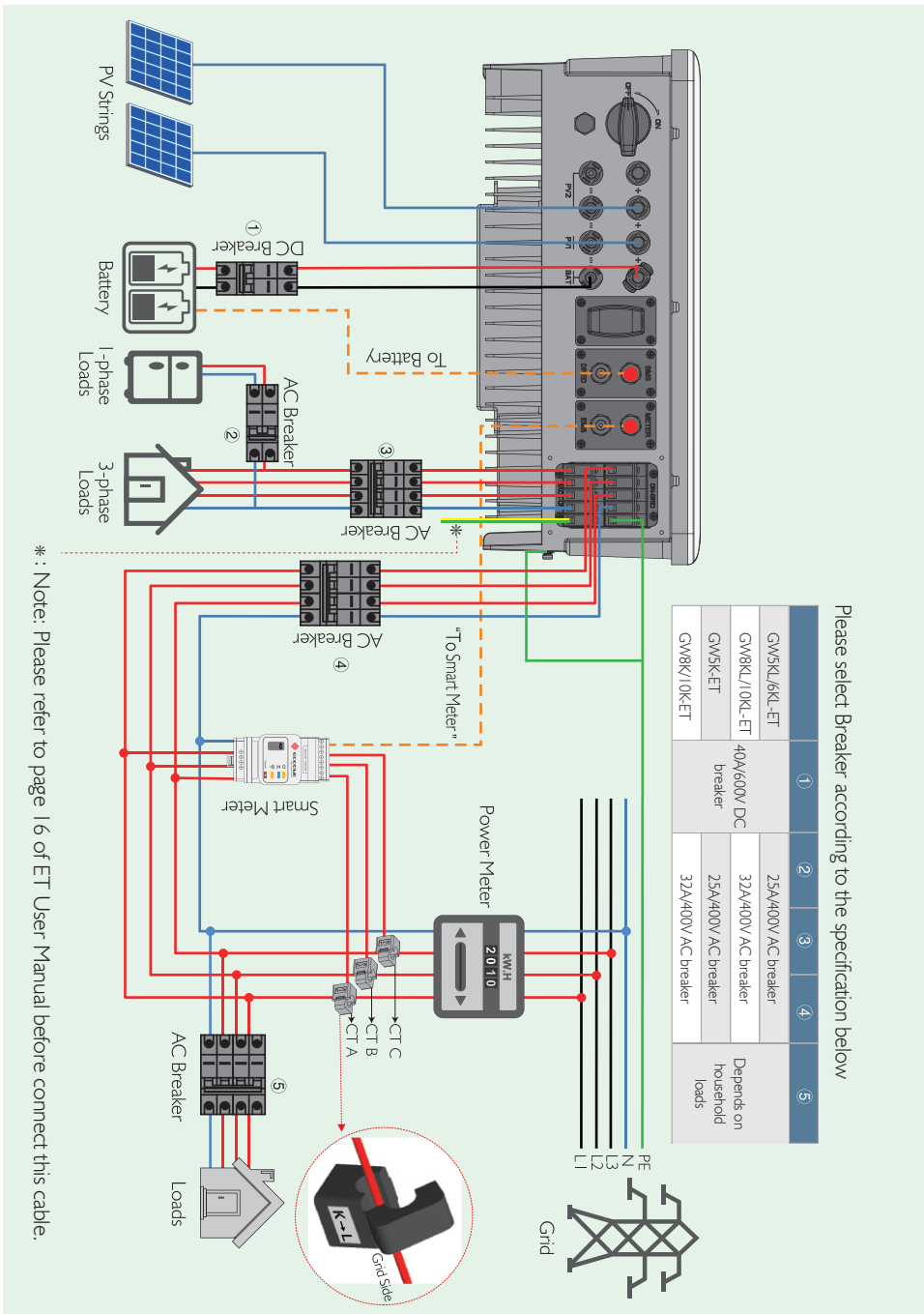
- Note: ① To Battery communication cable (Battery fails to work while communication failure)  
 ② To Smart Meter communication cable (could be extend to max 100m)

### I DRED Cable Assembly

⚠ DRED connection is only available for Australia and New Zealand.

NO	1	2	3	4	5	6
Function	DRM1/5	DRM2/6	DRM3/7	DRM4/8	REFGEN	COM/DRM0





Step 2. SOP of Battery Connection With ET Inverter

BYD Pylon

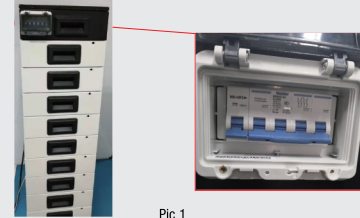
Note: This manual only tells connection methods between battery and GoodWe hybrid inverters. Other operation on battery, please refer to battery user manual. (This Quick Reference only includes parts of batteries, if there is a subsequent increase in battery, there will be no further notice.)

1. BYD

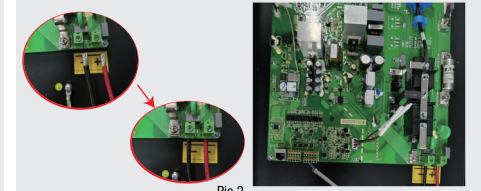
For BYD Battery-Box H6.4/7.7/9.0/10.2/11.5 with ET Hybrid inverter

Note: In the gridless area, battery does not support off-grid applications. (There will be no further notice if this entry is subject to change.)

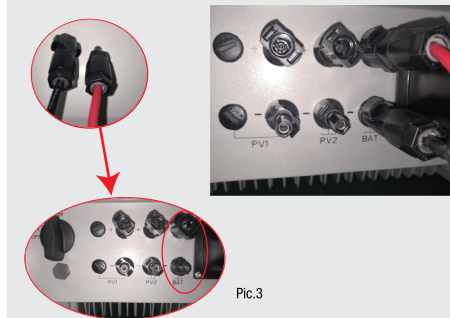
**A** ⚠ Make sure that the inverter and the battery pack is turned off before connecting the battery pack to the inverter (Refer to Pic.1)



**B** To connect the cables coming from the inverter to the BYD battery pack, take the following steps. Connect the power cables to the terminal block of BYD Battery management unit (BMU). Connect the negative cable to "P-" and the positive cable to "P+". (Refer to Pic.2)



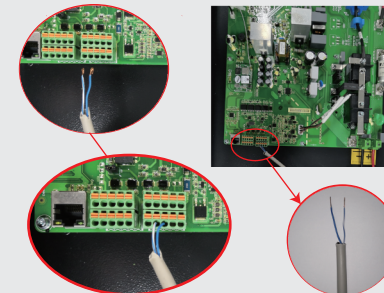
**C** Connect the other end of the power cable to the terminal block of the hybrid inverter. (Pic. 3)



**D** The communication cable for battery is attached on the inverter. Please use this cable as battery communication cable. (Refer to Pic.4)

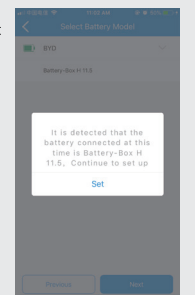


**E** The other end of "To Battery" cable should be connected to CAN port of BYD BMU box. Before this, you should pick out the blue-white line and the blue line. Then, connect the blue-white line to the second hole site, and connect the blue line to the third hole site. (Pic.5)

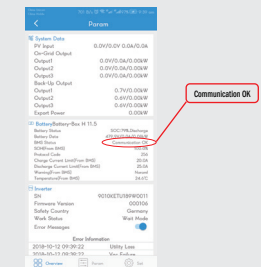


**F** On PV Master, you should choose the right battery type used in your system by "Battery Model" selection (Pic. 6) or battery communication will fail.

⚠ BYD Battery Setting: You should set "Series Battery Counts" and "Invert" (GOODWE) correctly through BYD WIFI or Ethernet. (Refer to BYD QUICK REFERENCE GUIDE to connect Wifi or Ethernet)




**G** After all connections and settings are done, please check if battery communication is OK on PV Master → Param → BMS Status, which should be "Communication OK" (Pic. 7)




## 2. Pylon

For Pylon PowerCube-H1-48 192/240/288/336/384/432/480V with ET hybrid inverter.

Note: The SOC of battery can be charged up to 90%, but can't be charged to 100%. (There will be no further notice if this entry is subject to change.)

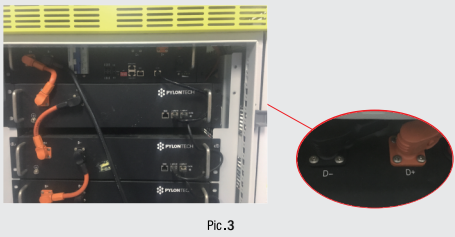
**A**  Make sure that the inverter and the battery pack is turned off before connecting the battery pack to the inverter (Refer to Pic.1)

Note:  
The ADD must be set as shown in the picture.



Pic.1

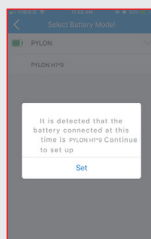
**C** To connect the cables coming from the inverter to the Pylon battery pack, take the following steps.  
Connect the power cables to the terminal block of Pylon Battery management unit (BMU). Connect the negative black cable to "D-" and the positive orange cable to "D+". (Refer to Pic.3)



**E** The communication cable for battery is attached on the inverter. Please use this cable as battery communication cable. (Refer to Pic.5)



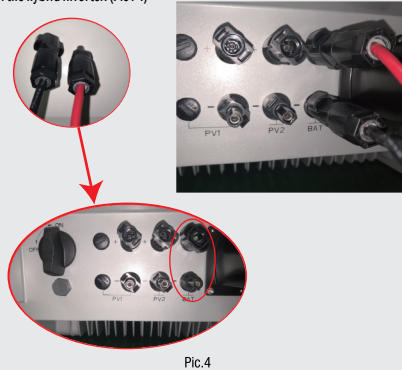
**G** On PV Master, you should choose the right battery type used in your system by "Battery Model" selection (Pic.7) or battery communication will fail.



**B** To connect the battery packs in series, follow the instructions below.  
(1) connections between BMU and Pylon battery packs:  
To connect the power cable, connect "B+" of BMU to "B+" of the first battery pack, and connect "B-" of BMU to "B-" of the last battery pack. To connect the communication cable, connect "Link Port" of BMU to "LinkPort0" of the first battery pack.  
(2) connections between adjacent Pylon battery packs:  
To connect the power cable, connect "B+" with "B-" between adjacent battery packs. The orange end corresponds to "B+", the black end corresponds to "B-". To connect the communication cable, connect "LinkPort1" to the next battery pack's "LinkPort0" in turn. (Pic.2)



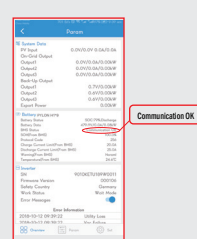
**D** Connect the other end of the power cable to the terminal block of the hybrid inverter. (Pic. 4)



**F** The other end of "To Battery" cable should be connected to CAN port of Pylon battery management unit (BMU). (Pic. 6)



**H** After all connections and settings are done, please check if battery communication is OK on PV Master → Param → BMS Status, which should be "Communication OK" (Pic. 8)



## Step 3. Wi-Fi Configuration Instruction

Note: Wi-Fi Configuration could also be done on PV Master APP, for details, please download "PV Master Operation Introduction" from [www.en.goodwe.com](http://www.en.goodwe.com)

### A Preparation

1. Power Wi-Fi inverter (or Power on Inverter) on.
2. Power router on.

### C Preparation

#### Device information

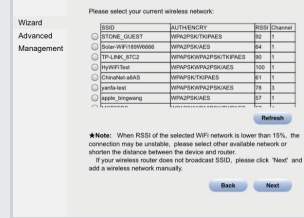
Firmware version	V1.0.4.0
MAC address	98D8631AA878
Wireless AP mode	Enable
SSID	Solar-WiFi
IP address	10.10.100.253
Wireless STA mode	Disable
Router SSID	WiFi_Burn-in
Encryption method	WPA/WPA2-PSK
Encryption algorithm	AES
Router Password	WiFi_Burn-in

Cannot join the network, maybe caused by:  
router doesn't exist, or signal is too weak, or password is incorrect.

★Help: Wizard will help you to complete setting within one minute.

Press "Start Setup" to enter the next step.

Start Setup



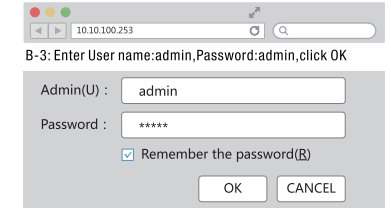
If the router is not in the site list, please refer to No.4 in 'Troubleshooting'.

### E Troubleshooting

No.	Problem	Checking Items
1	Cannot Find Solar-WiFi Signal	1. Make sure inverter is powered on; 2. Move your smart device closer to inverter; 3. Restart inverter; 4. Do 'WiFi Reload' operation refer to user manual.
2	Cannot connect to Solar-WiFi signal	1. Try password: 12345678; 2. Restart inverter; 3. Make sure there is no other device connected to Solar-WiFi; 4. Do 'WiFi Reload' operation and try again.
3	Cannot login website 10.10.100.253	1. Make sure user name and password you use are both admin; 2. Do 'WiFi Reload' operation and try again; 3. Try another browser (suggest use Google, Firefox, IE, Safari etc.); 4. Make sure website you log in is 10.10.100.253
4	Cannot find router SSID	1. Move router closer to inverter or use a Wi-Fi repeater device; 2. Connect to router and login the setting page to check the channel it uses. Please make sure the channel is not bigger than 13. Otherwise, modify it.

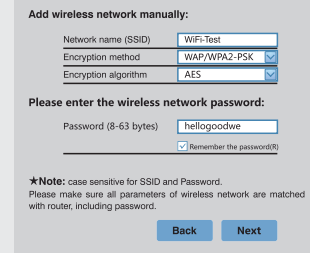
### B Connect to 'Solar-WiFi'

1. Wi-Fi name: Solar-Wi-Fi or Solar-WiFi (\* means the last 8 characters of inverter serial NO.)  
Password: 12345678
2. Browse website: 10.10.100.253



### D Connect to 'Solar-WiFi'

1. Fill in router password and click 'Next'



★Note: case sensitive for SSID and Password.  
Please make sure all parameters of wireless network are matched with router, including password.

Please make sure all parameters of wireless network are matched with the router's, including password.

#### Save success!

Click 'Complete', the current configuration will take effect after restart.

If you still need to configure the other pages of information, please go to complete your required configuration.

Configuration is completed, you can log on the Management page to restart device by click on 'OK' button.

Confirm or complete?

Back Complete

Note:  
The 'Solar-WiFi' signal will disappear after inverter connects to WiFi router. Turn off router or do Wi-Fi reload operation via button on inverter if you need connect to 'Solar-WiFi' once again.

No.	Problem	Checking Items
5	Cannot Find Solar-WiFi Signal	1. Restart inverter 2. Connect to Solar-WiFi and login again, check the 'SSID', 'Security Mode', 'Encryption Type' and 'Pass Phrase' is matching with that of router or not; 3. Connect to router and login to check if the connection reaches the maximum amount or not, and to check the channel of it uses. Please make sure the channel is not bigger than 13. Otherwise, modify it; 4. Restart router ; 5. Move router closer to inverter or use a Wi-Fi repeater device.
6	After configuration, WiFi Led on inverter blink four times repeatedly	1. Connect to the router and visit the portal <a href="http://www.goodwe-power.com">www.goodwe-power.com</a> . Check the portal is available or not; 2. Restart router and inverter;