EH QUICK INSTALLATION INSTRUCTIONS

PART 1
QUICK INSTALLATION

PART 2
BATTERY CONNECTION

PART 3
Wi-Fi CONFIGURATION
Step 2. SOP of Battery Connection With EH Inverter

BYD

Pylon

1. BYD B-BOX
For BYD Battery Box H4/7/9/10/2 with inverter.

A. Make sure that the converter and the battery pack is turned off before connecting the battery pack to the converter. (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 positive cable to '+P+', and the negative 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 converter. 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 and white line and the blue line. Then, connect the blue and 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 "Select Battery Mode" selection or battery communication will fail (Pic.6).

G. After all connections and settings are done, please check if battery communication is OK on PV Master. "Pram - BMS status, which should be "Communication OK" (Pic.7)
2. Pylon
For Pylon Power Cube H1 4/36/67/8 with 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. (Pic.1)

B. To connect the battery packs in series, follow the instructions below.
1) Connections of the power cable:
Connect: “G” of BMS/battery management unit to “6” of the first battery pack, and connect “A” of BMS to “6” of the last battery pack. Connect “G” with “6” between adjacent battery packs. The orange end corresponds to “1”, the black end corresponds to “6”.
2) Connections of communication cable:
Connect “Link Port” of (BMS) to “Link Port” of the first battery pack. For the adjacent battery packs, connect “Link Port1” to the next battery packs “Link Port” in turn.

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 (BM): Connect the positive cable to “F+” and the negative to “F-” (Pic.3)

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

E. The communication cable for battery is attached in the inverter. Please use the BMS cable as battery communication cable. The other end of “1A Battery” cable should be connected to CAN/Link Port 6 of Pylon BM. (Pic.5)

F. Turn on the switch. Then press the red button for 2 seconds. The status light will turn green. Wait for about 30 seconds, if the BMS communication is normal, the status light remains green, and the battery works soon. Otherwise, the status light turns red, press the red button for 2 seconds. When the status light turns green again, the battery system is ready to work. (Pic.6)

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

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)

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Step 3. Wi-Fi Configuration Instruction

Note: Wi-Fi Configuration could also be done on PV Master API for details, please download “PV Master Operation Introduction” from www.on.goodwe.com

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

B. Connect to ‘Solar-WiFi’
1. Wi-Fi name: Solar-WiFi or Solar-WIFI (“means the last 8 characters of inverter serial NO).
2. Browsed website: 10.10.100.253

C. Preparation

Device information
- Firmware version: V3.6.4.11
- MAC address: 68:48:01:16:0F:37
- Inverter mode: F12
- IP address: 10.10.100.253
- Access STA mode: Dual
- MTU: 1500
- Encryption method: WPA2-PSK
- Encryption algorithm: AES
- Router Password: ***

Enter B-3: Enter User name admin. Password admin, click OK

D. Connect to ‘Solar-WiFi’
1. Fill in router password and click ‘Next’

E. Troubleshooting

<table>
<thead>
<tr>
<th>No.</th>
<th>Problem</th>
<th>Checking Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cannot find Solar-WiFi Signal</td>
<td>1. Make sure inverter is powered on; 2. Move your smart device closer to inverter; 3. Restart inverter; 4. De-‘Wi-Fi-related’ operation refer to user manual.</td>
</tr>
<tr>
<td>2</td>
<td>Cannot connect to Solar-WiFi</td>
<td>1. Try password 12345678; 2. Restart router; 3. Make sure there is no other device connected to Solar-WiFi; 4. De-‘Wi-Fi-related’ operation and try again.</td>
</tr>
<tr>
<td>3</td>
<td>Cannot login website 10.10.100.253</td>
<td>1. Make sure you are both admin; 2. De-‘Wi-Fi-related’ operation and try again; 3. Try another browser (suggest use Google, Firefox, IE, Safari MX); 4. Make sure you login the website 10.10.100.253.</td>
</tr>
<tr>
<td>4</td>
<td>Cannot find router 10.100.253</td>
<td>1. Move router closer to inverter or use a Wi-Fi repeater device; 2. Connect to router and log in, and change the channel to a new one. Please make sure the channel is not bigger than 13. Otherwise, modify it.</td>
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</tbody>
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Please make sure all parameters of wireless network are matched with the router, including password.