**Step 1. Instructions For Quick Installation**

**A. Installation Space**
- Upward: 300mm
- Downward: 300mm
- Front: 300mm
- Left and right side: 300mm

**B. Dimensions For Drilling Holes**
- 4 x 10mm holes
- 4 x 20mm holes

**C. Fix the Wall Bracket**
- Wall Bracket
- Expansion Pipe
- Self-tapping Screws

**D. Inverter**
- Inverter could be locked for anti-theft, if it is needed.
- Ground cable is needed connecting to ground plate on grid side

**E. Battery Wire Assembly and Connection**
- Positive connector: 4 x 1.5mm², 15mm
- Negative connector: 4 x 1.5mm², 15mm

**F. PV Wire Assembly and Connection**
- 2.5x4mm², 7mm
- MC4 series
- AMPHENOL series

**G. AC Cable Assembly and Connection**
- AC Cable: 2mm² Copper Conductor Material

**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 extended to max 100m)

**I. DRED Cable Assembly**
- DRED connection is only available for Australia and New Zealand.

### Table of Communication Cable Connection

<table>
<thead>
<tr>
<th>Part</th>
<th>Function</th>
<th>ND</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Shield pipe</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>Connect sun+</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>Connect sun−</td>
<td>3</td>
</tr>
<tr>
<td>D</td>
<td>Connect Grid+</td>
<td>4</td>
</tr>
<tr>
<td>E</td>
<td>Connect Grid−</td>
<td>5</td>
</tr>
<tr>
<td>F</td>
<td>Detect Sensor</td>
<td>6</td>
</tr>
</tbody>
</table>
**Battery-Box H6.4/7.7/9.0/10.2/11.5 with ET Hybrid inverter**

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

- Connect the other end of the power cable to the terminal block of the hybrid inverter. (Pic. 3)
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**Step 2. SOP of Battery Connection With ET Inverter**

- **BYD**
  - 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)

- **Pylon**
  - Please select Breaker according to the specification below
  - 25A/400V AC breaker
  - 32A/400V AC breaker
  - 25A/400V AC breaker
  - 32A/400V AC breaker
  - 40A/600V DC breaker
  - Depends on household loads

---

**Note:** Please refer to page 16 of ET User Manual before connect this cable.

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**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)

---

**On PV Master, PV should choose the right battery type used in your system by “Battery Mode” selection (Pic. 6) or battery communication will fail.**

---

**After all connections and settings are done, please check if battery communication is OK or PV Master → Param → BMU Status, which should be “Communication OK” (Pic. 7).**
2. **Battery man**


**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.)

---

### Step 1. Instructions For Quick Installation

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

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

Pic.1

**Pic.2**

B. To connect the battery packs in series, follow the instructions below.

- **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 "LinkPort1" of the first battery pack.

- **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 blue end corresponds to "B-". To connect the communication cable, connect "Link Port" to the next battery pack’s "LinkPort1" in turn. (Pic.2)

---

### Step 2. SOP of Battery Connection

C. To connect the cables coming from the inverter to the Pylon battery pack, take the following steps:

1. Connect the power cables to the terminal block of Pylon Battery management unit (BMU). Connect the negative RAW TEXTweeney cable to "B-" and the positive RAW TEXTweeney cable to "B+". (Refer to Pic.3)

Pic.3

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

Pic.4

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

Pic.5

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

---

### Step 3. Wi-Fi Configuration Instruction

A. **Connect to Solar-WIFI**

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

C. **Preparation**

- **Device information:**
  - **Operating system:** Windows 8.1/10
  - **MAC Address:** 165180000001
  - **Wireless Protocol:** EIA/TIA-568B
  - **Invocation:** HTTP Protocol
  - **Configuration:** EIA/TIA-568B

D. **Connect to Solar-WIFI**

1. Fill in router password and click ‘Next’.
2. Connect to Solar-WIFI and login again, check the ‘Settings’, Security Model, 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 0 or 1 channels. Please make sure the channel is not bigger than 11. Otherwise, modify it.
4. Restart router.
5. Move router closer or install Wi-Fi receiver on Wi-Fi receiver.

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### Troubleshooting

<table>
<thead>
<tr>
<th>No.</th>
<th>Problem</th>
<th>Checking Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Connect login website 10.10.100.253</td>
<td>1. Make sure Wi-Fi signal is OK on Pylon PowerCube-H1 192/240/336/384/432/480V with ET hybrid inverter.</td>
</tr>
</tbody>
</table>

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### Other Tips

**On Pylon PowerCube-H1:** You should choose the right battery type used in your system by "Battery Model" selection (Pic.7) or battery communication will fail.

Pic.7

**After connections and settings are done, please check if battery communication is OK on Pylon PowerCube-H1 192/240/336/384/432/480V with ET hybrid inverter.**

**Communication OK**

Pic.8

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**Note:** Wi-Fi must be set as shown in the picture.