

一. High pressure landing system installation

1.Place the base stably on a stable surface



2.Layers of stacked battery boxes on the base, ranging from 4 to 8 layers (A 4-layer battery box is used as an example)

When stacking batteries, align them with the plugs and fixing holes. The stacking sequence of batteries in the same batch is not required





3. After batteries are stacked, check whether there is a gap between containers. If there is a gap, press the gap to ensure that the high voltage connection is normal.

Then install the control box, align the socket plug and fixing hole, and press to ensure that there is no gap after installation. The following figure shows the final assembly state of the battery system (without starting the high voltage state).



二、Inverter wiring

1. The lower left picture shows the connection on the side of the control box, with the wiring harness for communication with PCS and the waterproof joint of the PCS COM port

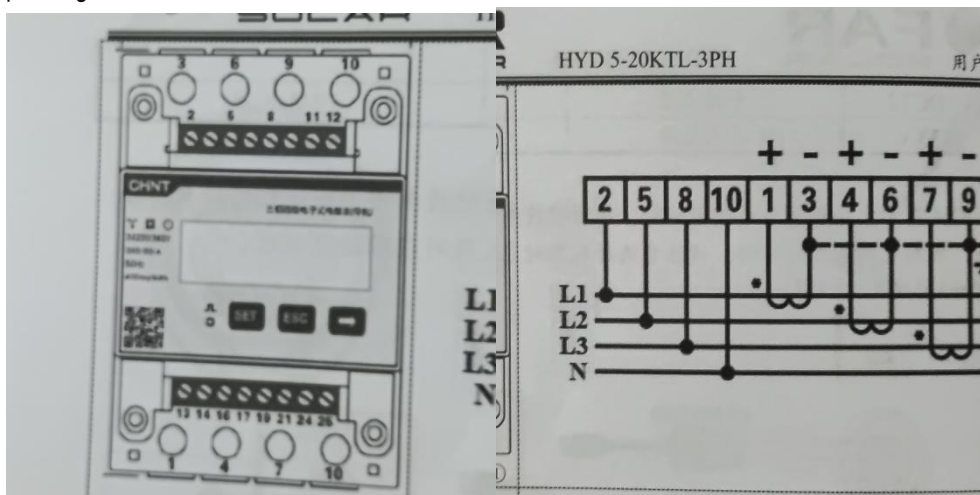
The following figure on the right shows the disassembly of the waterproof joint of the PCS COM port, and the open waterproof rubber ring is shown in the middle



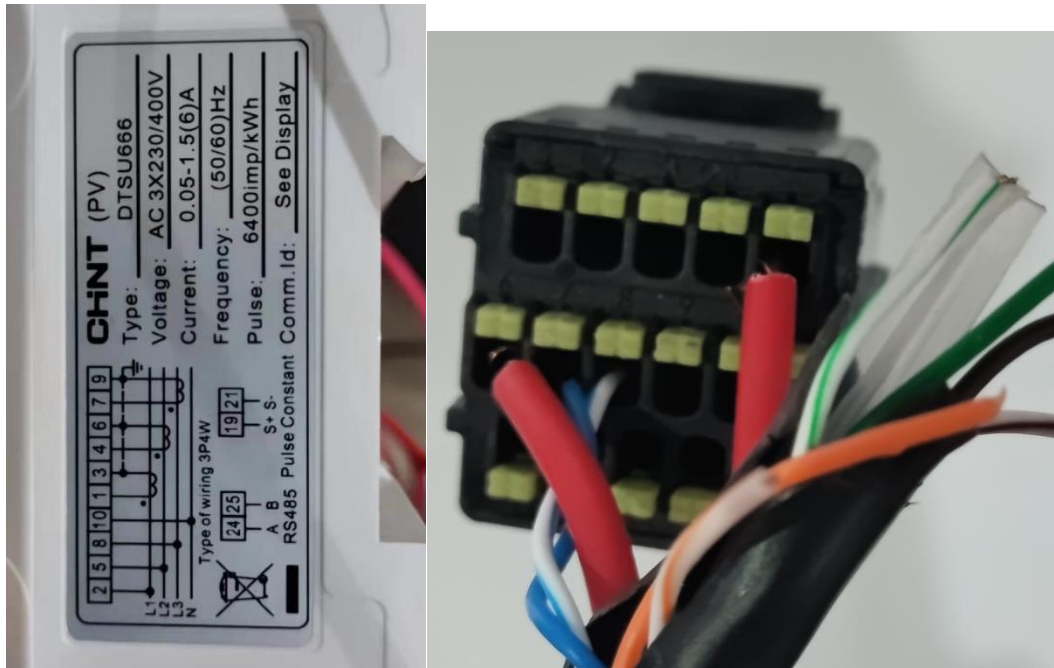
3. Assemble the waterproof pair connector with one end of the communication cable in the sequence shown in the following figure and tighten it. After connecting to the PCS COM port, tighten the pair connector (you can directly insert the network cable without connecting the waterproof head during indoor wiring). Connect the other end of the network cable to the inverter port terminal 7/8 with the blue/white blue pin



3. The electric meter connected to the three-phase circuit of the inverter, the electric meter and its communication line and the communication transfer interface belong to the inverter accessories, three electric meters respectively through three A/B/C three-phase (live operation is strictly prohibited), and the data acquisition line of the electric meter needs to be connected with the input line of the power grid side (A/B/C/N corresponds to the electric meter 2/5/8/10). CT positive and negative sampling lines \pm (S1/S2) correspond to 1/3, 4/6, 7/9 of the meter. Note that the arrows on the meter should point to the direction of the power grid



4. Connect the communication cable of the meter delivered with the inverter to 24/25 of the meter and 5/6 of the communication terminal of the inverter.



5. Connect the load cable to the same three-phase load cable

6. The battery system side and the inverter side have been connected. If no problem is found in the recheck, insert the plug end connecting the PCS high voltage wire into the socket on the battery control box (the socket has anti-reverse design).



7. Open the air dust cover at the side of the control box and push the air cover to close



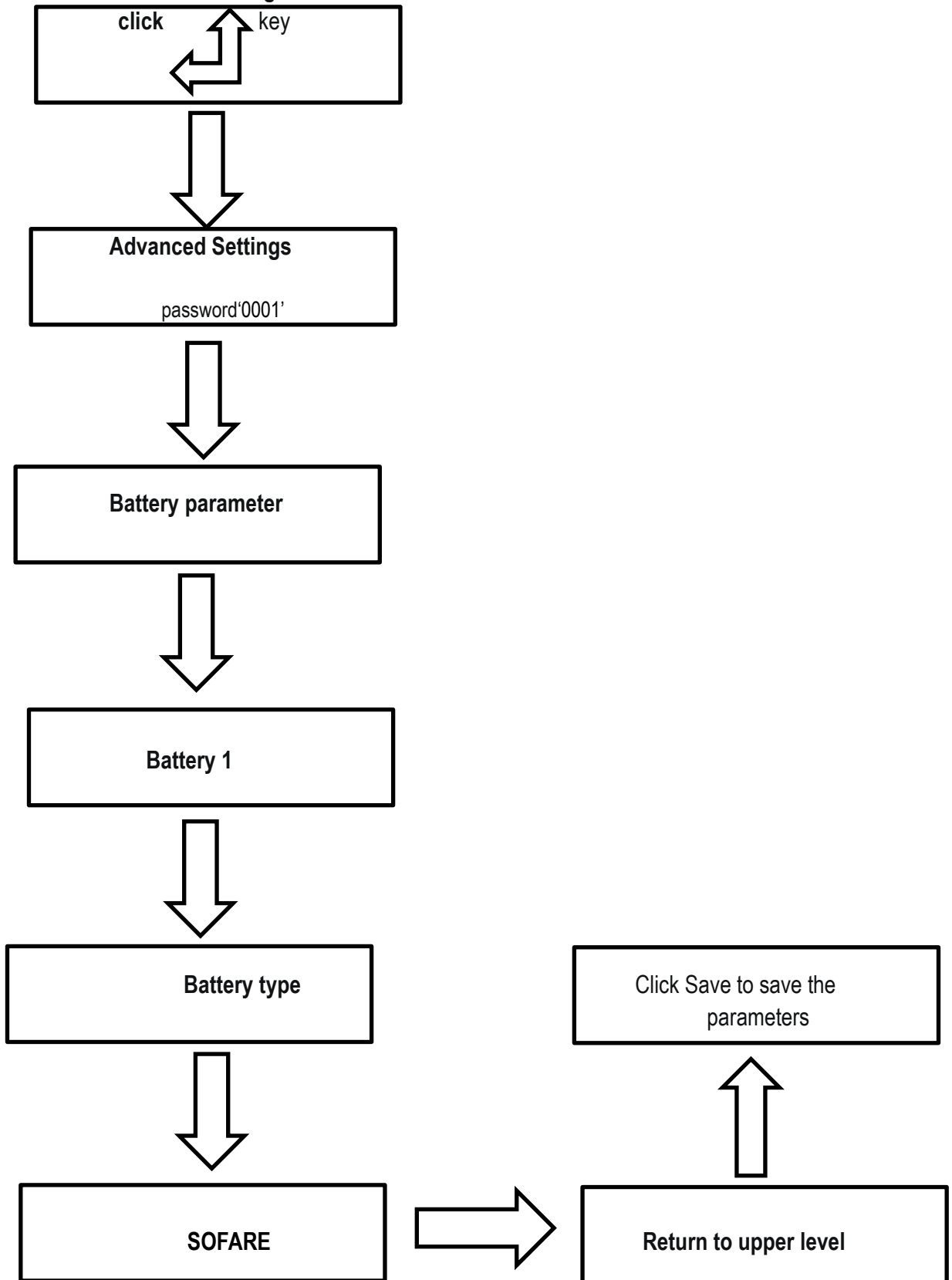
8. Long press the start button on the front of the control box to wake up the battery system. During the system

start up process, all lamp posts of the lamp board will be lit in turn. After the relay is closed, the power indicator can be released when it is stable (long press the start button until the closing sound of the relay is heard, about 2S).



If the power grid does not supply power to the inverter, the high voltage output will wake up the inverter after the battery starts, and the inverter will communicate with the battery system by itself. After the communication is normal, the inverter screen will automatically display the battery information.

三、communication configuration





Set
parameters.mp4