US2000 Lithium Battery Configuration with SPH Hybrid inverter Guide

1,System wiring：
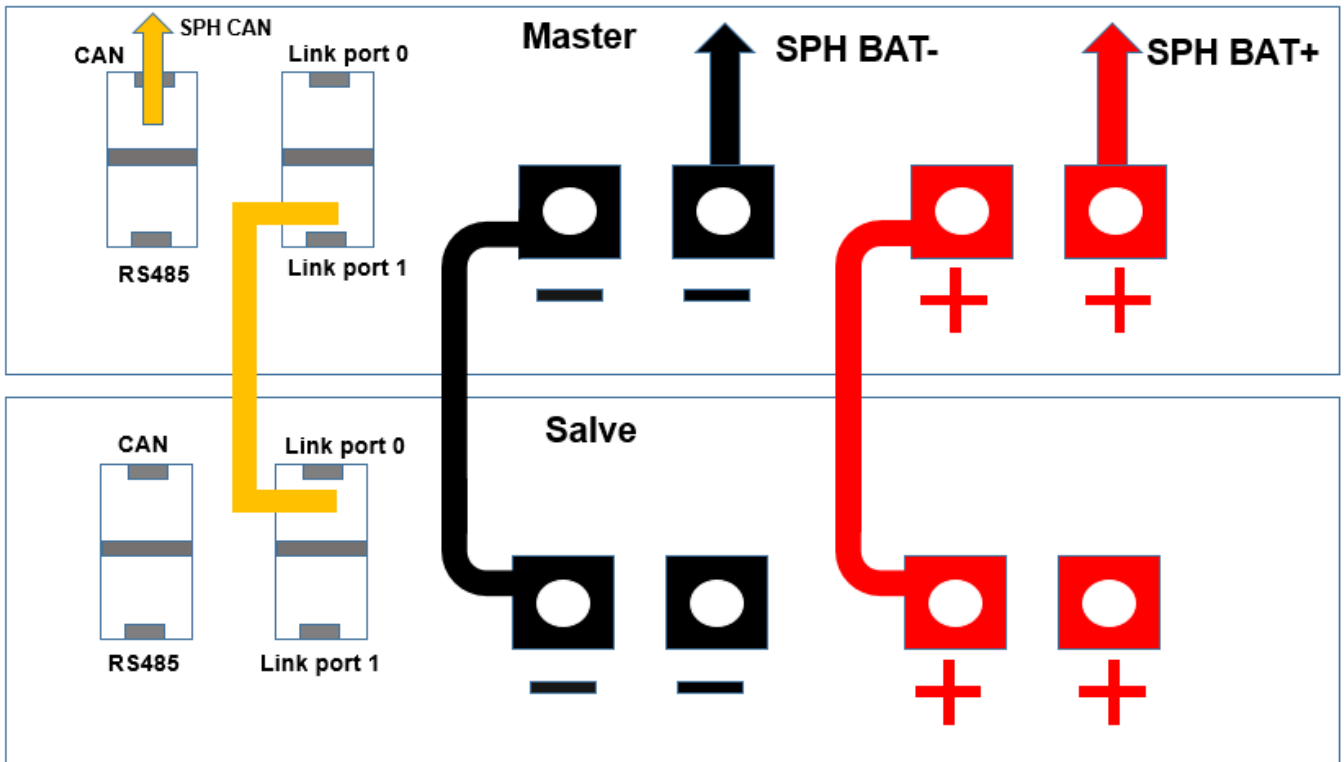
A, Battery terminal:

Figure1 .parallel connection of two batteries
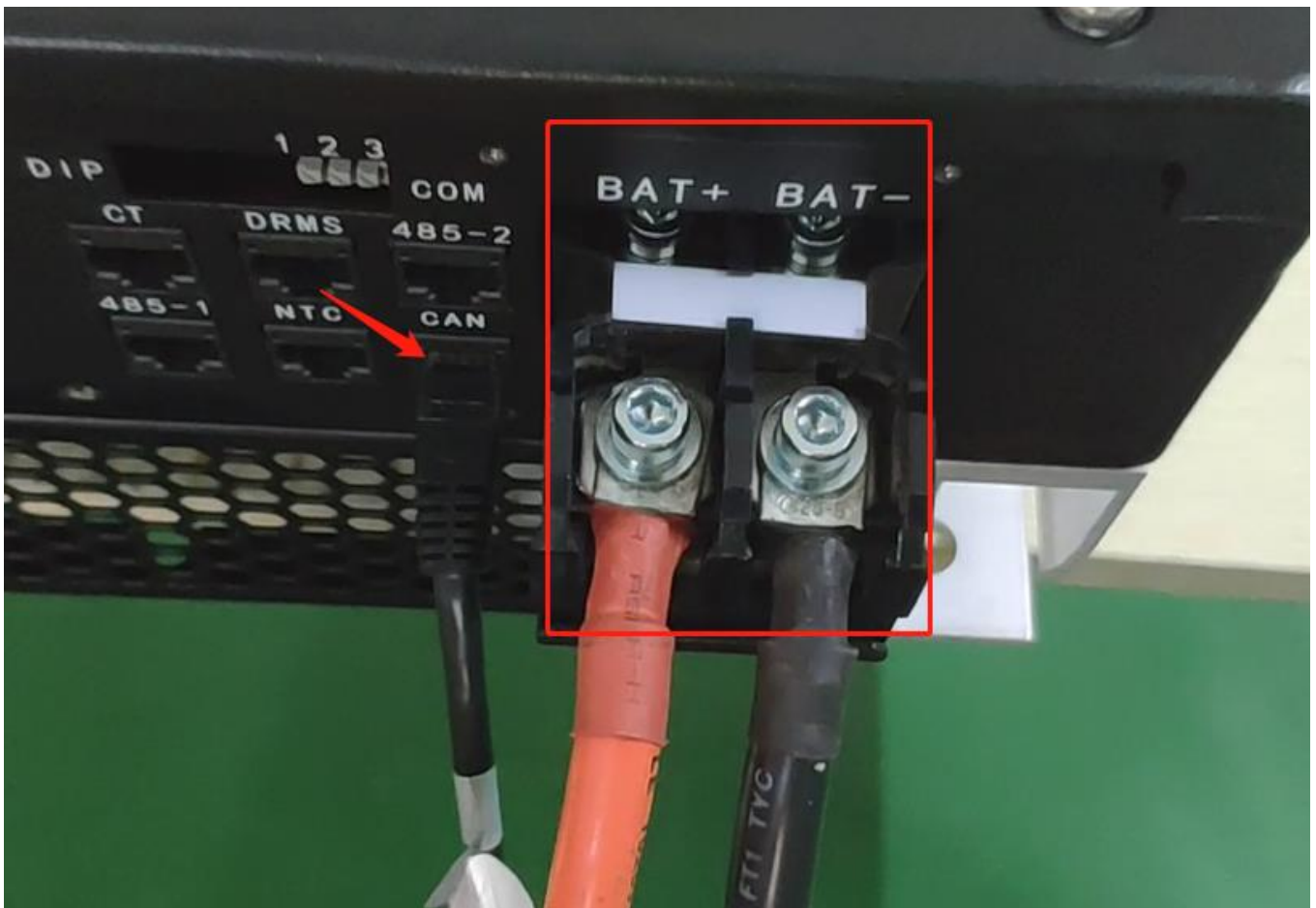
B, SPH hybrid inverter terminal.

Figure2.SPH connect terminal position

2,How to install the battery in the IP55 Battery Box：

A, Use a Phillips screwdriver to loosen the six Phillips countersunk screws on the left and right sides of the case (as shown in FIG. 3). Move the front panel up and away from the front panel (as shown in figure 4) to avoid the I-shaped drop bracket on the upper part of the case from hanging (as shown in figure 5).

B. Place the lithium iron phosphate battery as shown in the figure (note the placement direction of the battery: the battery power terminal is on the right side of the chassis), tighten it with 4 M6*12 hexagonal combination bolts (as shown in figure6), and fix the other battery in this way (as shown in figure7.
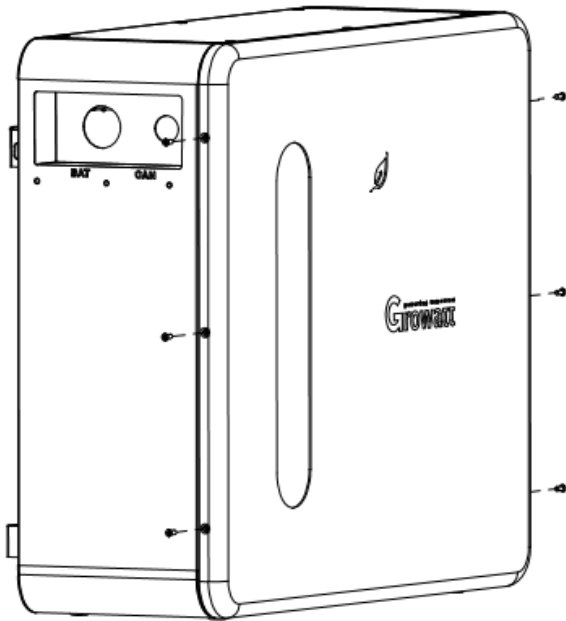
Figure3. remove screws on left and right sides
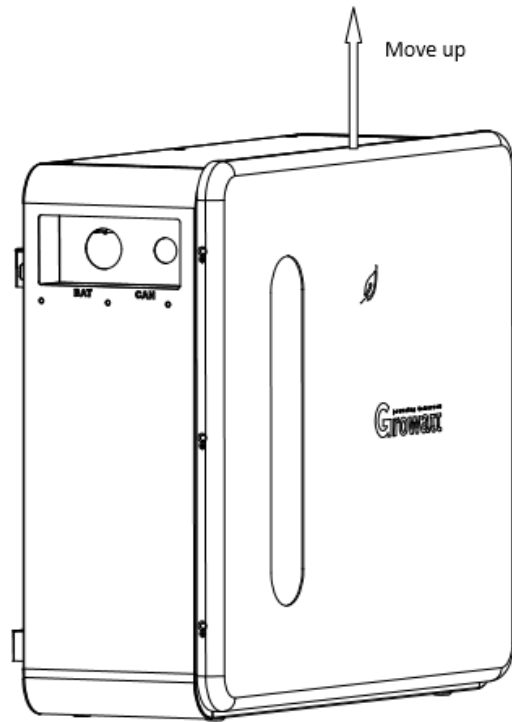

Figure4.push up the front panel

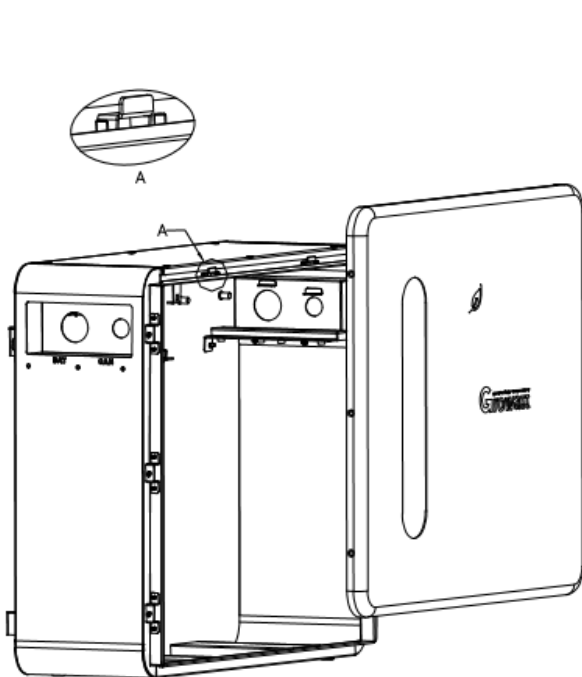Figure5.l-shaped bracket

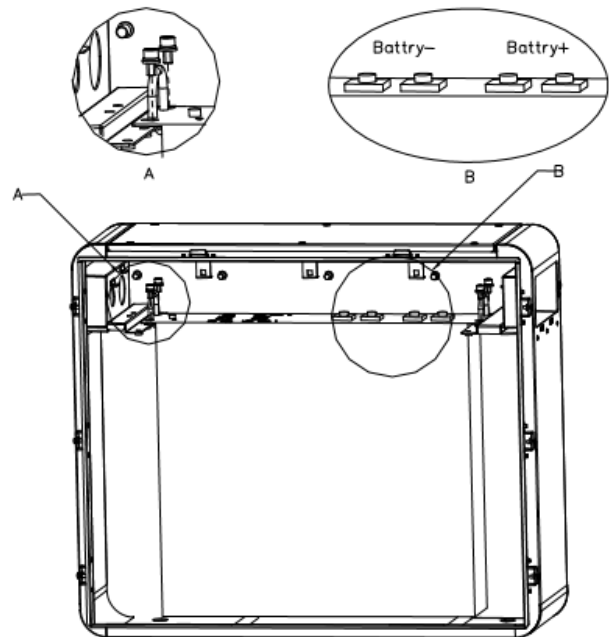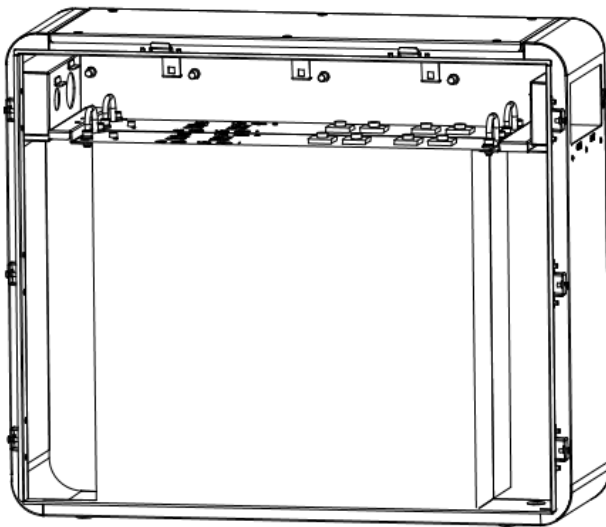

Figure6.battery installation and placement

Figure 7.position of two groups of batteries after installation.

Before the front panel of the box is locked, the battery must be in the starting state. It is recommended to turn on all the battery power buttons first, and then press SW button when the parallel box of the last box is locked to avoid shutting down the box after sealing it.
1. Hang the front panel on the two l-shaped brackets at the upper end of the box (as shown in Figure8). After hanging the front panel, push it down to avoid improper installation of the front panel (as shown in Figure 9).
2.Press and hold the front panel of the box body by hand to compress the sealing bar to ensure the matching of the hole position of the cross screws. Use the cross screwdriver to tighten the 6 M4 countersunk screws (as shown in Figure 10).
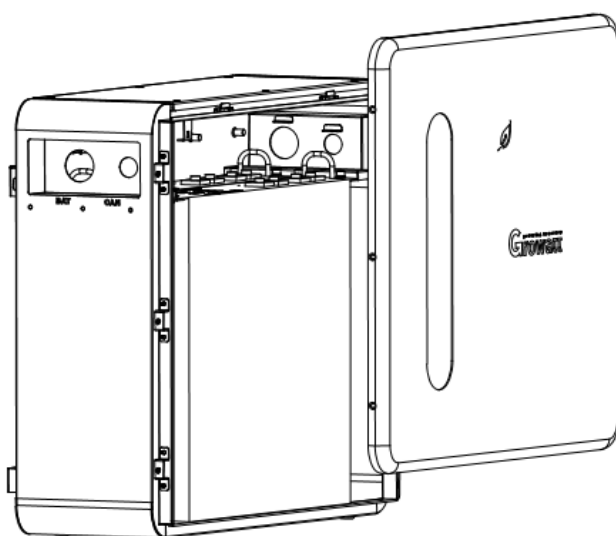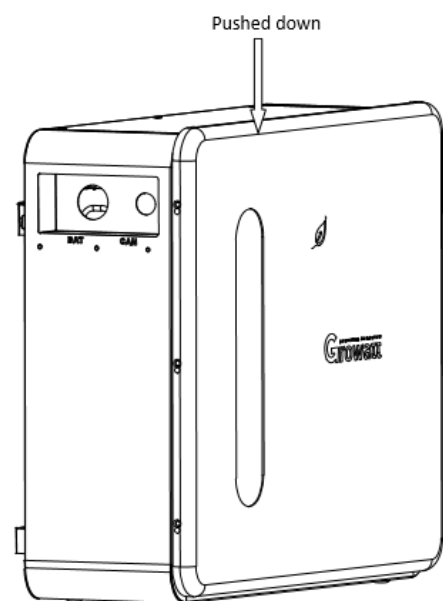3. Lock all M4 countersunk head screws once to complete installation
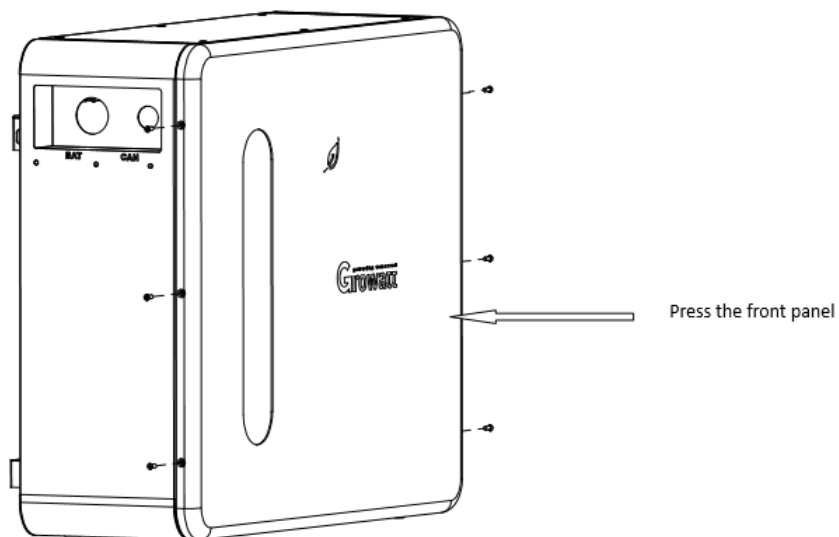

Figure 8

Figure 9

Press the front panel

Figure 10