User Manual

BAT40-480VDC Battery Cabinet

■ Installation

Connect to 10-20kVA UPS

Single battery pack, to 20kVA UPS

N*battery packs, to 20kVA

Connect to 30-40kVA UPS

2 battery packs, To 40kVA UPS
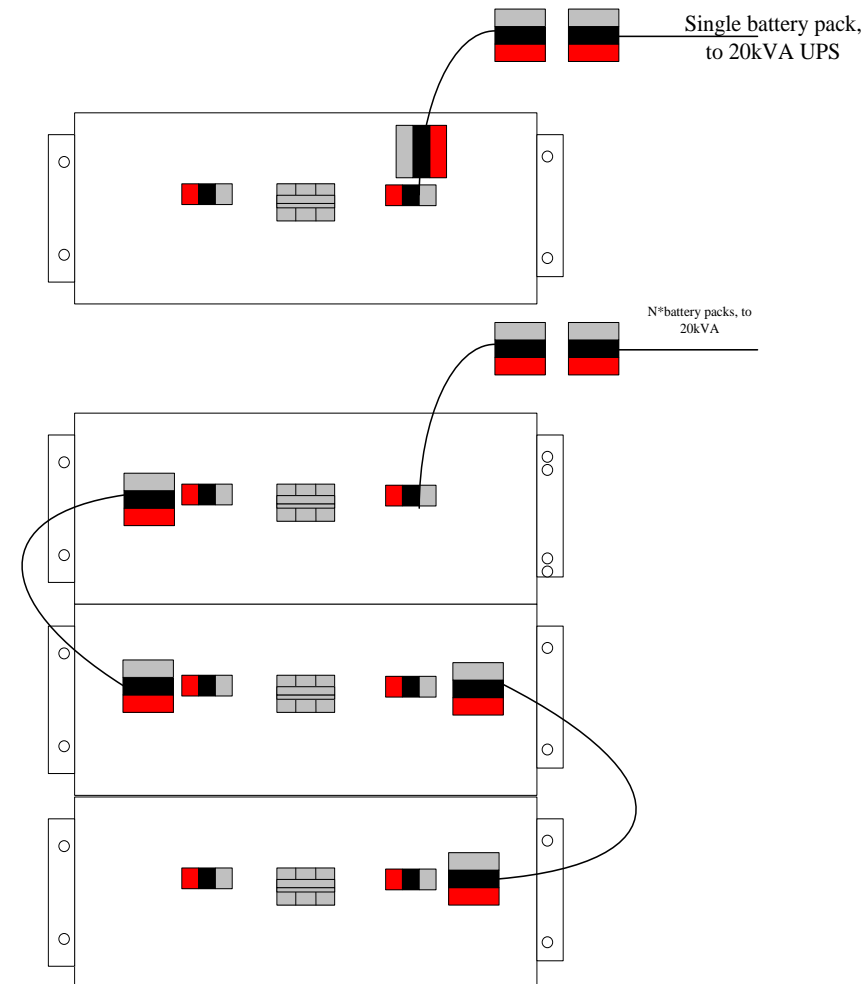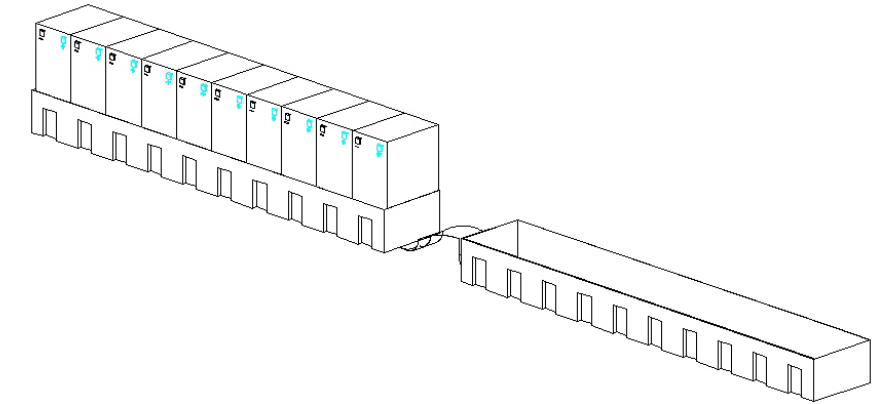
2N*battery packs, To 40kVA UPS
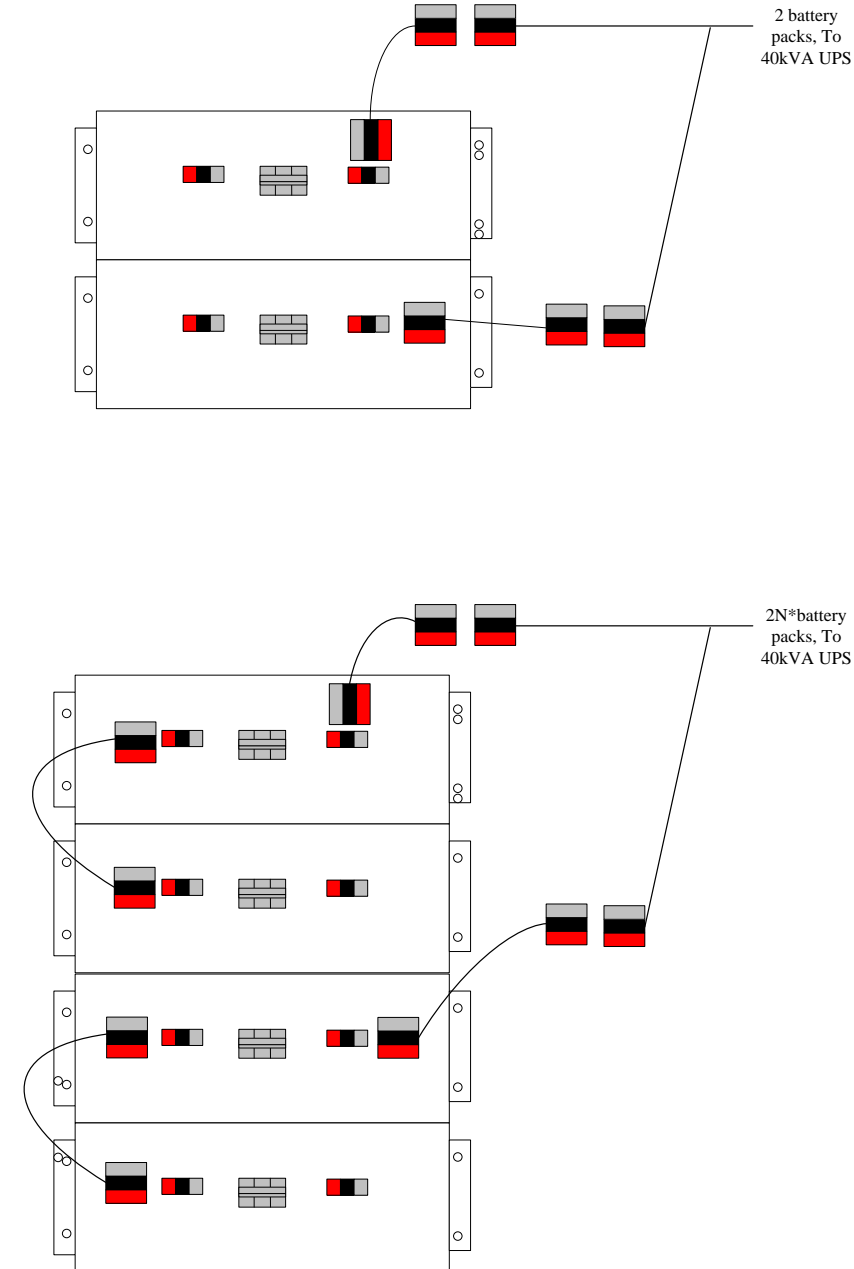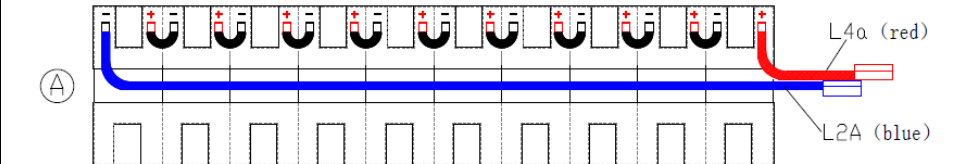
■ BATTERY Installation and Maintenance

step 1: remove front panel and take out plastic shell

step 2: remove the film of cohesive tape and then put 10 blocks of batteries on bottom shell to paste on it.
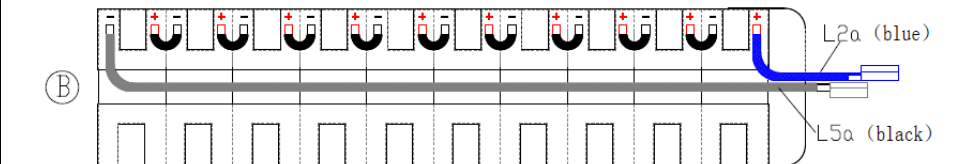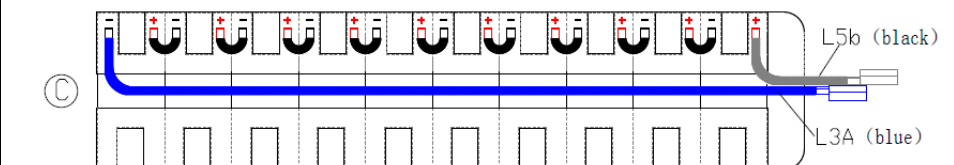
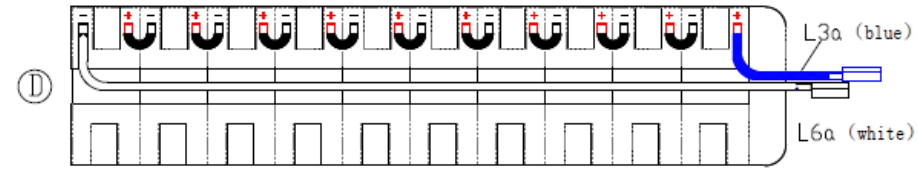**step 3:** connect battery cables as below
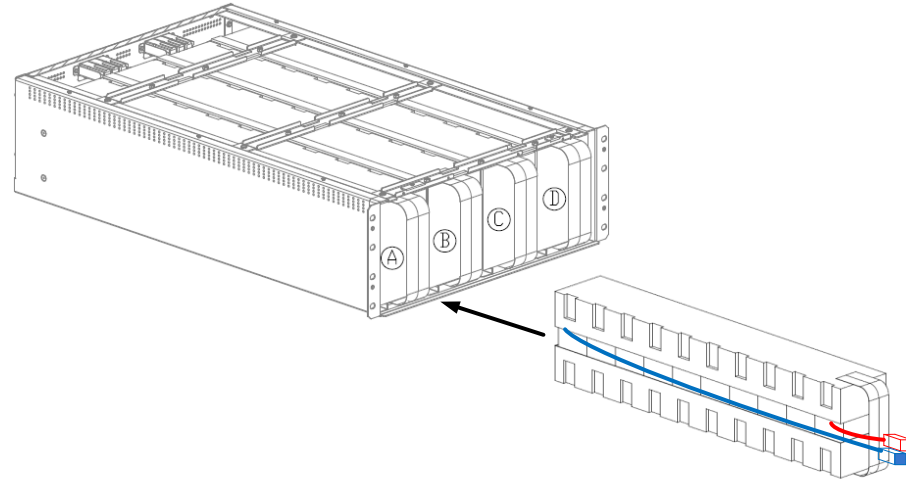
battery pack A:

Ⓐ L4a (red)

L2A (blue)

battery pack B:

Ⓑ L2a (blue)

L5a (black)

battery pack C:

Ⓒ L5b (black)

L3A (blue)

battery pack D:

L3a (blue)

Ⓓ

L6a (white)
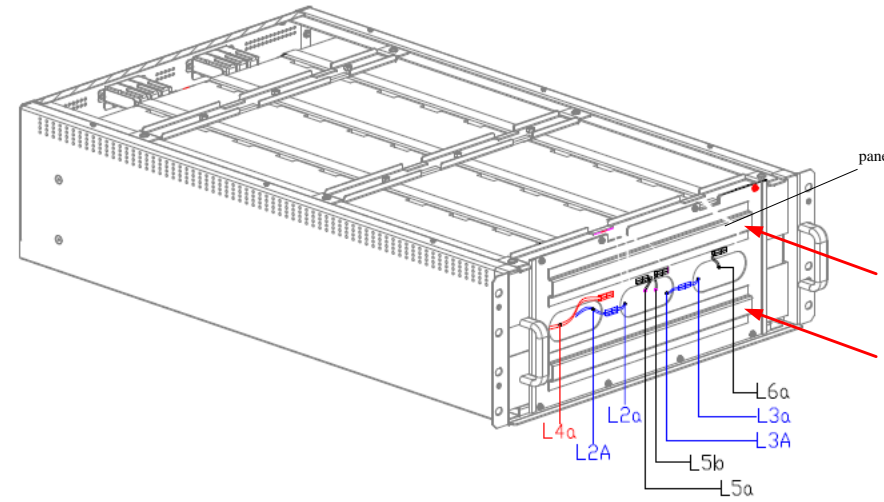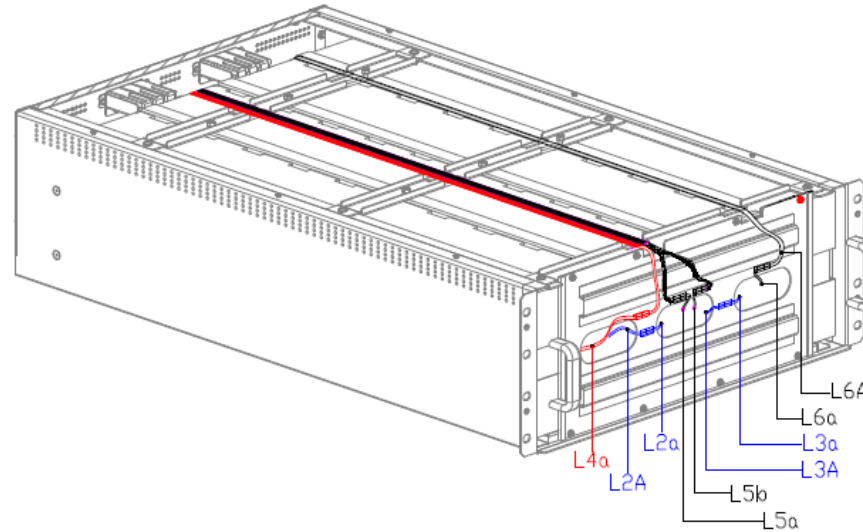
step 4: paste the top shell of battery packs. Insert battery packs **A, B,C,D** into battery cabinet from left to right

step 5: assemble the inner panel, all cables cross through the holes on panel as below
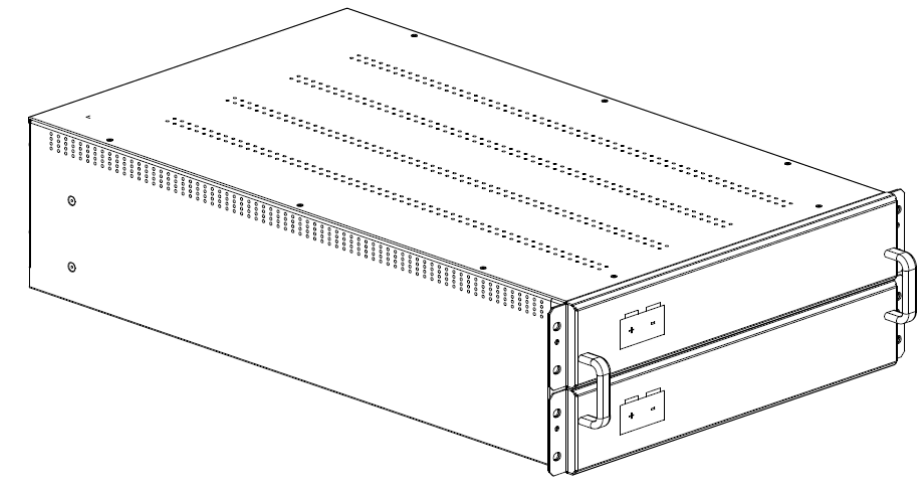
panel

L6a
L3a
L3A
L4a
L2a
L2A
L5b
L5a

step 6: connect all cables as below

L6A
L6a
L3a
L3A
L4a
L2a
L2A
L5b
L5a

step 7: close battery breaker on rear panel, check if the voltage of terminal is OK.

step 8: open battery breaker, cover the front panel.

⚠⚡ **WARN:**

Battery voltage is higher than 400VDC, special care should be taken when working with the battery cabinet.

⚠ **NOTICE:**

The weight of cabinet is more than 100kg with batteries in it, please move it with tool. OR move off all batteries and then move cabinet.