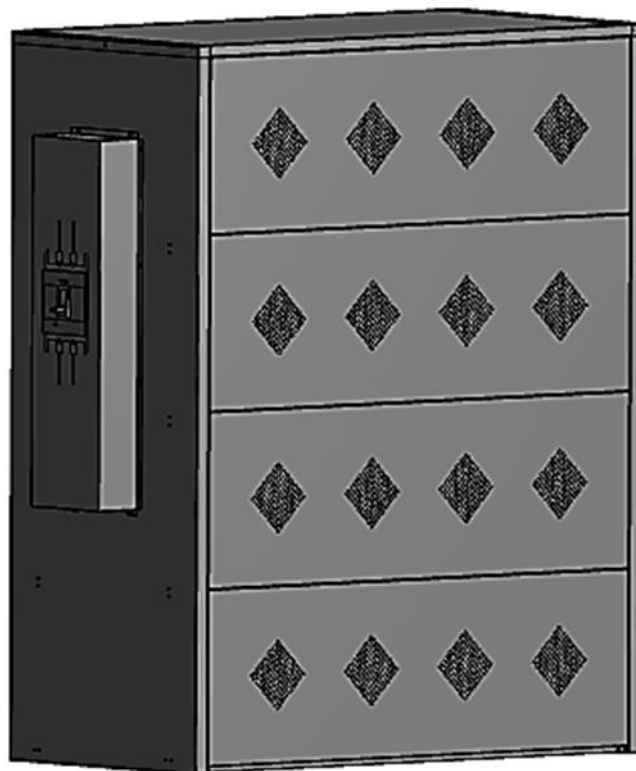


CyberPower

Installation manual for BCA series

BCA40N250A



Suitable battery

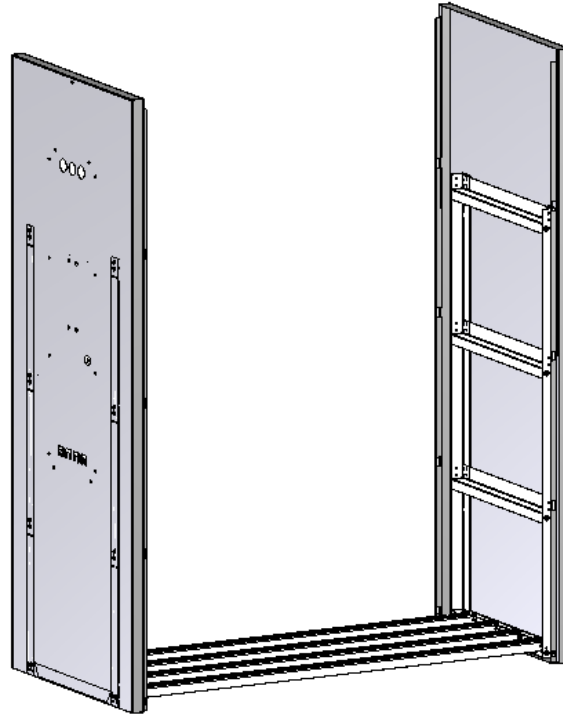
Apply to 40Ah battery of BB/Yuasa/CSB etc.

Accessory List

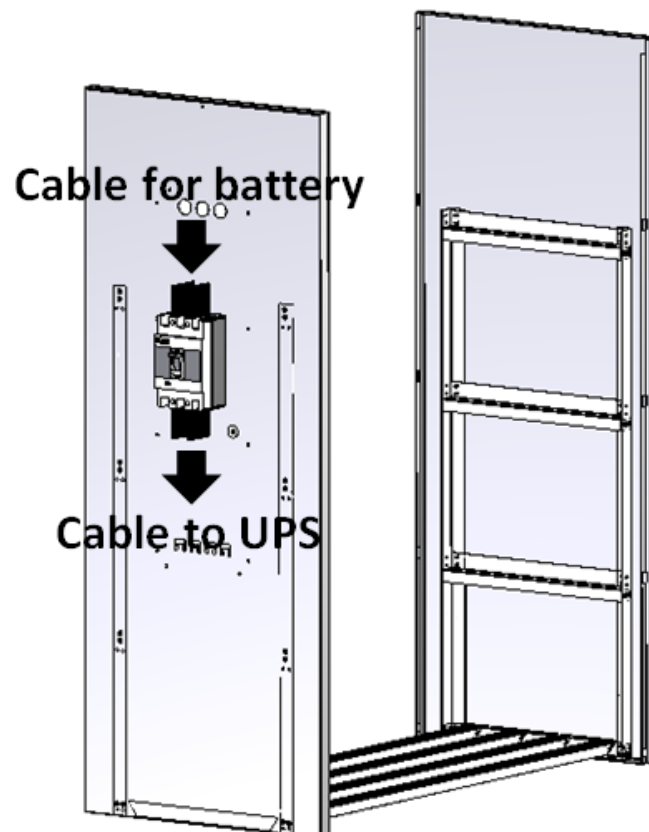
Item	Description	Quantity
Case	Front panel	1 pcs
	Rear panel	1 pcs
	Top panel	1 pcs
	Side panel	8 pcs
	Bracket	4 pcs
	Breaker cover	1 pcs
Cable	L1 25mm ² - 1510mm	2 pcs
	L2 25mm ² - 200mm	20 pcs
	L3 25mm ² - 540mm	16 pcs
	L4 25mm ² - 800mm	2 pcs
	L6 25mm ² - 1730mm	2 pcs
	L7 25mm ² - 1130mm	2 pcs
Breaker	250A breaker	1 set
	Screw	4 pcs
Screw	M3/M5	14 pcs/1 pcs
Label	Ground / Breaker / Name	1 pcs of each
Snap bushing		3 pcs

Procedure

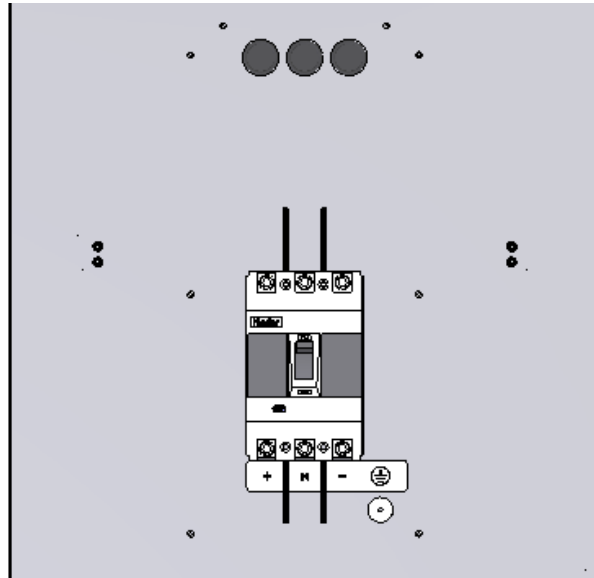
Step 1. Buckle the first bracket between the front and rear panels.



Step 2. Fixed the breaker on the rear panel (M4 screw*4pcs).



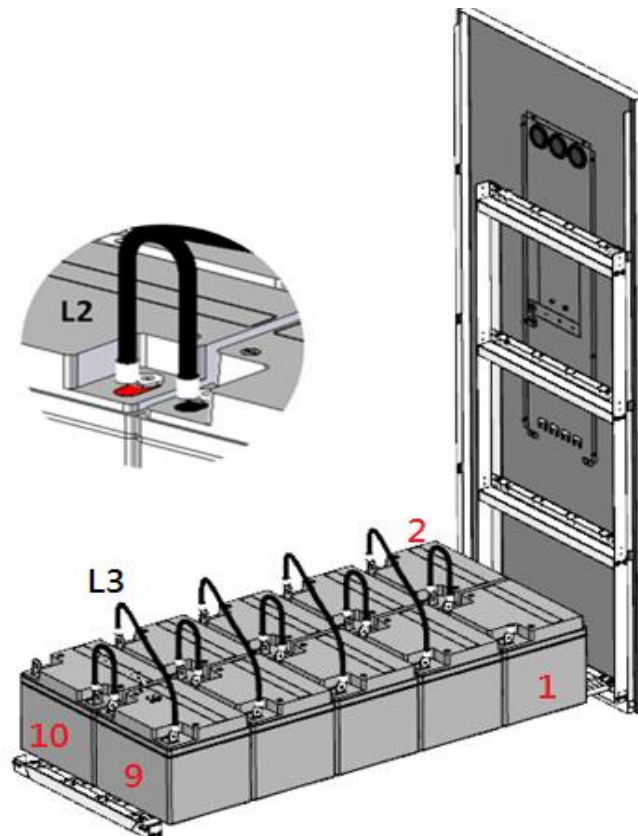
Step3. Install the snap bushing*3pcs (Note: User can cut the snap bushing to insert the cable) and paste the label on the rear panel then fixed the screw (M5*1pcs) on the ground(It is for ground connection).



Step 4. Put the batteries on the bracket and connect the cables (let the terminals had a little angle that could easy to install).

(Battery*10pcs/ L2*5pcs/L3*4pcs/L1*1pcs)

L1: Connect to battery1(+)(Prepared in advance but not shown)



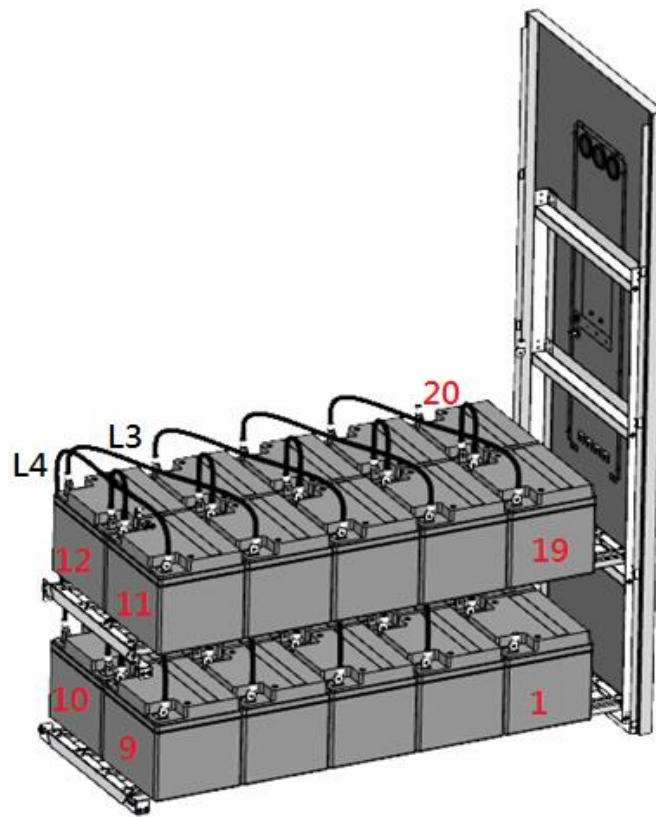
Step 5. Install the second bracket and put the batteries then connect the cables

(Battery*10pcs/Cable: L2*5pcs/L3*4pcs/L4*1pcs/L6*1pcs/L7*1pcs)

L4: From battery11(+) to battery10(-)

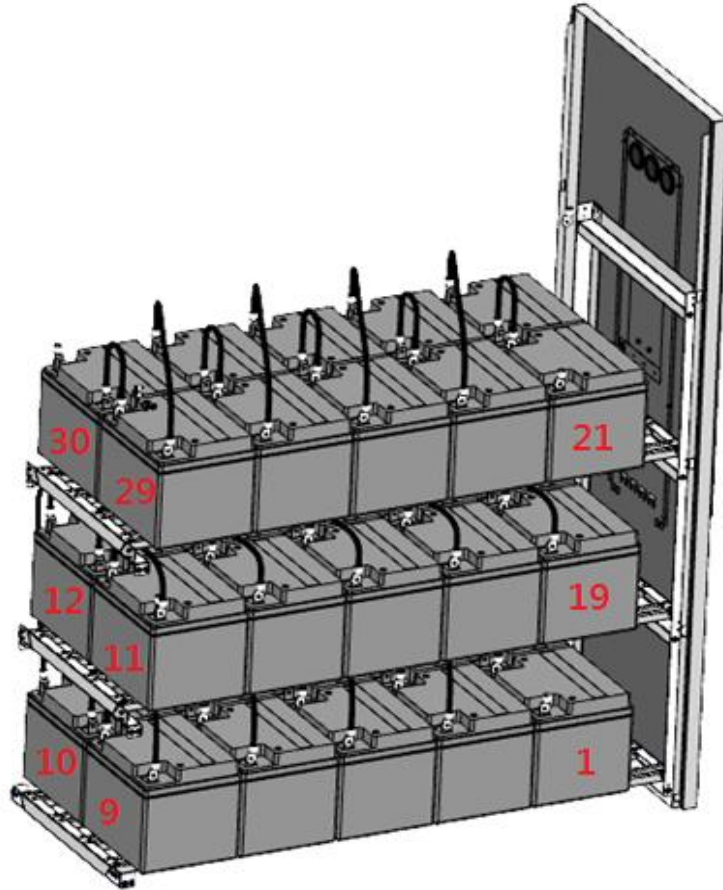
L6: Connect to battery11(+)(Prepared in advance but not shown)

L7: Connect to battery20(-)(Prepared in advance but not shown)



Step 6. Install the third bracket and put the batteries then connect the cables
(Battery*10pcs/ L2*5pcs/L3*4pcs/L1*1pcs)

L1: Connect to battery21(+) (Prepared in advance but not shown)

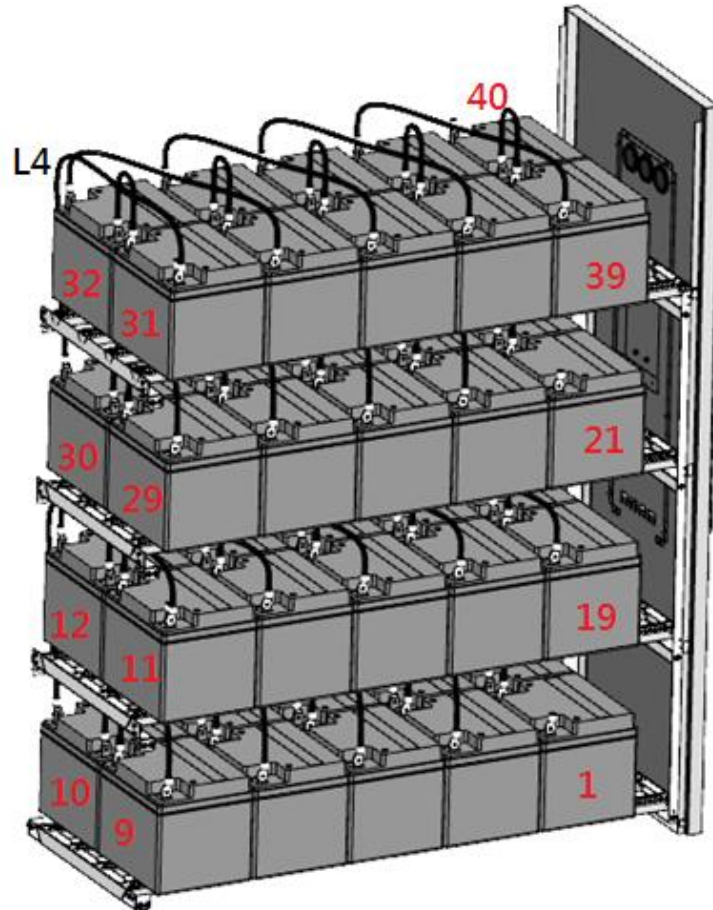


Step 7. Install the fourth bracket and put the batteries then connect the cables
(Battery*10pcs/ L2*5pcs/L3*4pcs/L6*1pcs/L7*1pcs)

L4: From battery31(+) to battery30(-)

L6: Connect to battery31(+)(Prepared in advance but not shown)

L7: Connect to battery40(-)(Prepared in advance but not shown)



Step 8. Connect the cables to breaker

L1: From battery1(+) to breaker(+)

L1: From battery21(+) to breaker(+)

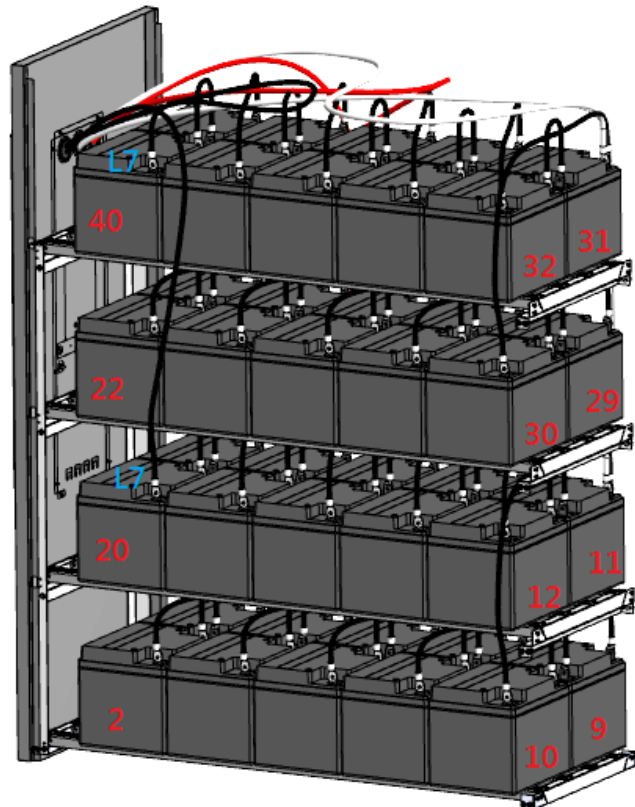
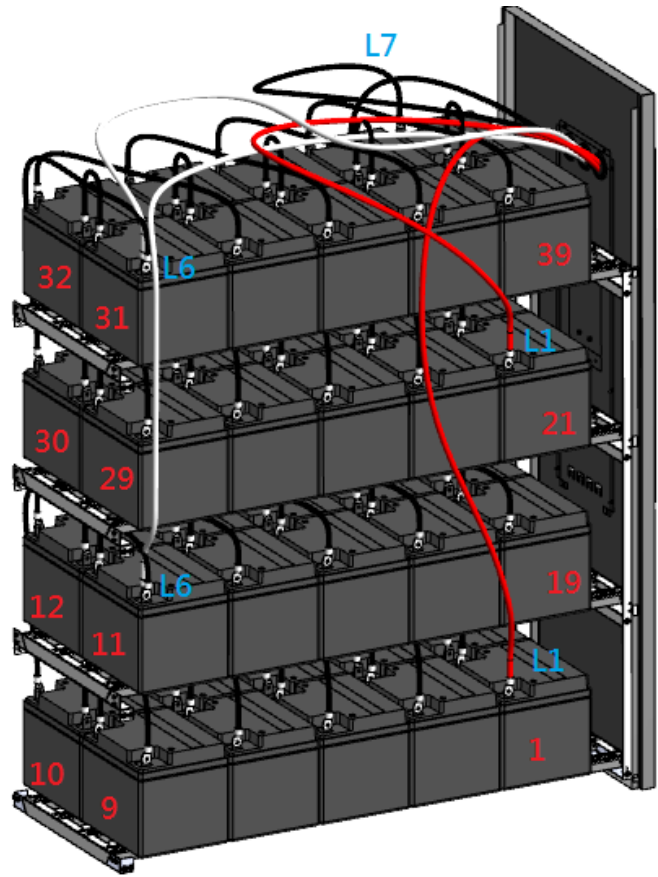
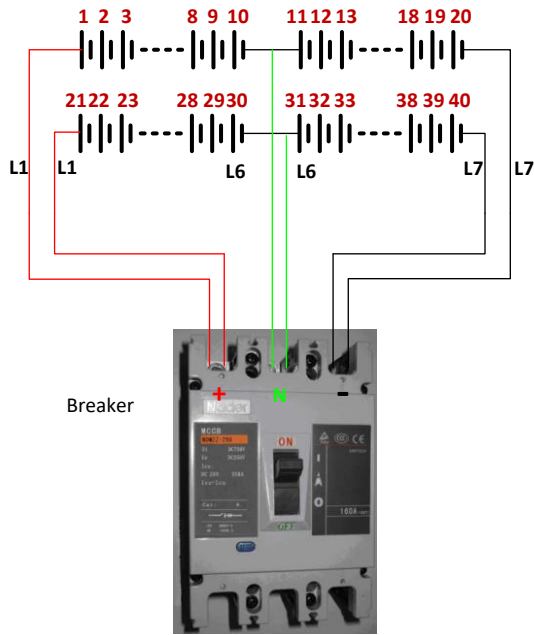
L6: From Battery11(+)to breaker(N)

L6: From Battery31(+)to breaker(N)

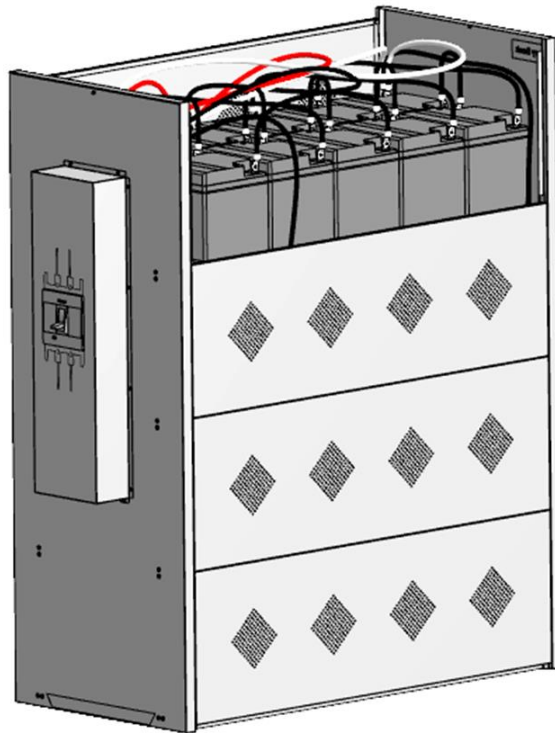
L7: Battery20(-)to breaker(-)

L7: Battery40(-)to breaker(-)

Please refer to the equivalent circuit and installation

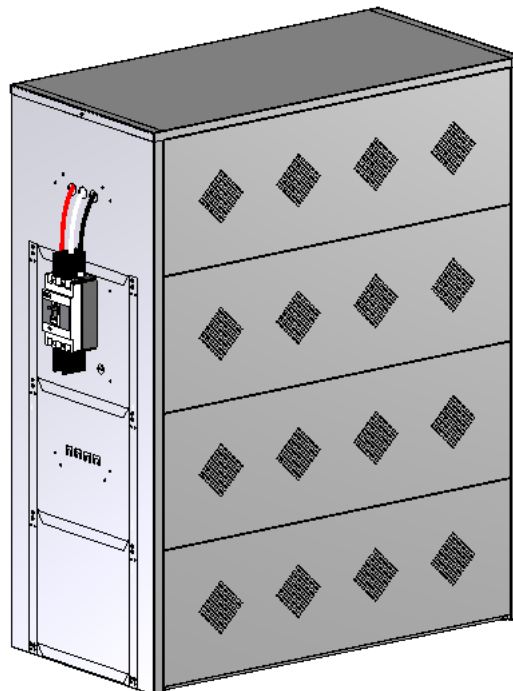


Step 9. Put on the side panels (from bottom to top).



Step 10. Put on the top panel and tighten the screw(M3 screw*1pcs).

Please let the cables connect with breaker when you want to connect battery cabinet from UPS.



Step 11. Fixed the breaker cover (M3 screw*12pcs).

