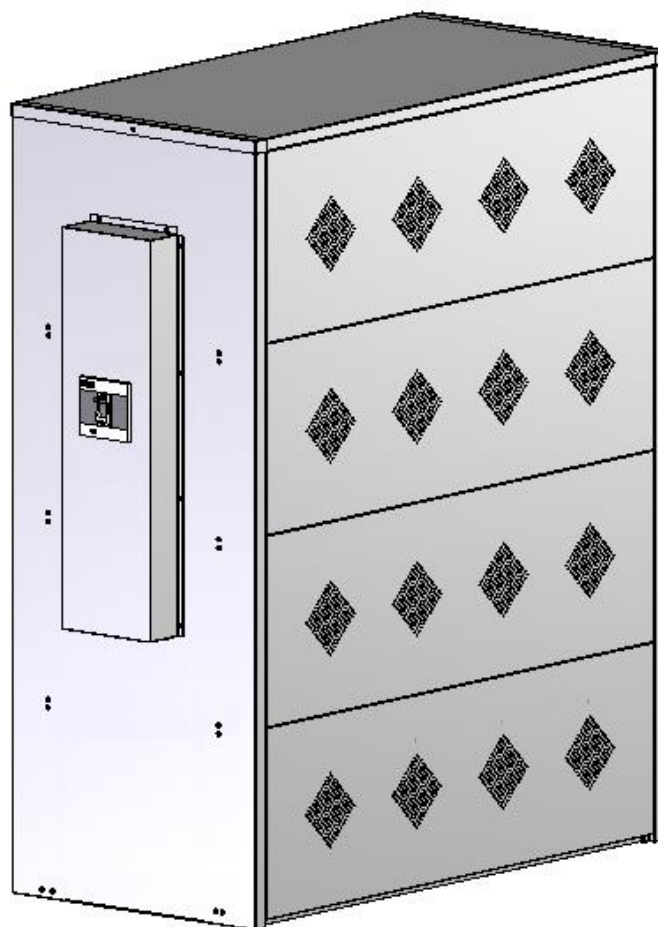




## Installation manual for BCA series

BCA40N125



K01-0000774-00

## Suitable battery

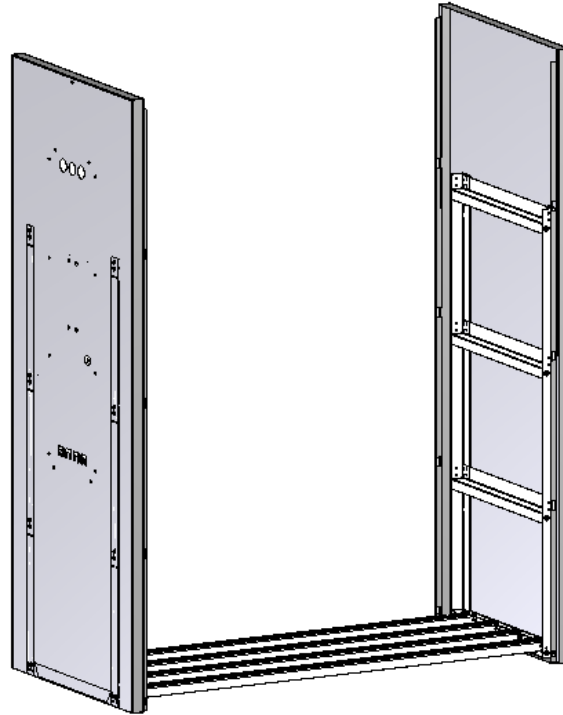
Apply to 40Ah battery of BB/Yuasa/CSB etc.

## Accessory List

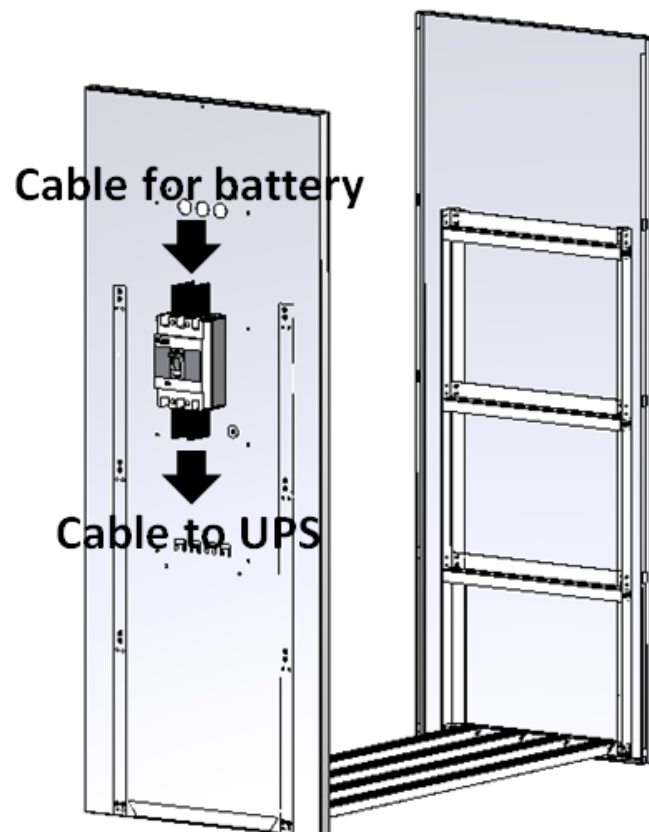
| Item         | Description                   | Quantity      |
|--------------|-------------------------------|---------------|
| Case         | Front panel                   | 1 pcs         |
|              | Rear panel                    | 1 pcs         |
|              | Top panel                     | 1 pcs         |
|              | Side panel                    | 8 pcs         |
|              | Bracket                       | 4 pcs         |
|              | Breaker cover                 | 1 pcs         |
| Cable        | L1 25mm <sup>2</sup> - 1510mm | 1 pcs         |
|              | L2 25mm <sup>2</sup> - 200mm  | 20 pcs        |
|              | L3 25mm <sup>2</sup> - 540mm  | 16 pcs        |
|              | L4 25mm <sup>2</sup> - 800mm  | 2 pcs         |
|              | L5 25mm <sup>2</sup> - 800mm  | 1 pcs         |
|              | L6 25mm <sup>2</sup> - 980mm  | 1 pcs         |
|              | L7 25mm <sup>2</sup> - 690mm  | 1 pcs         |
| Breaker      | 125A 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

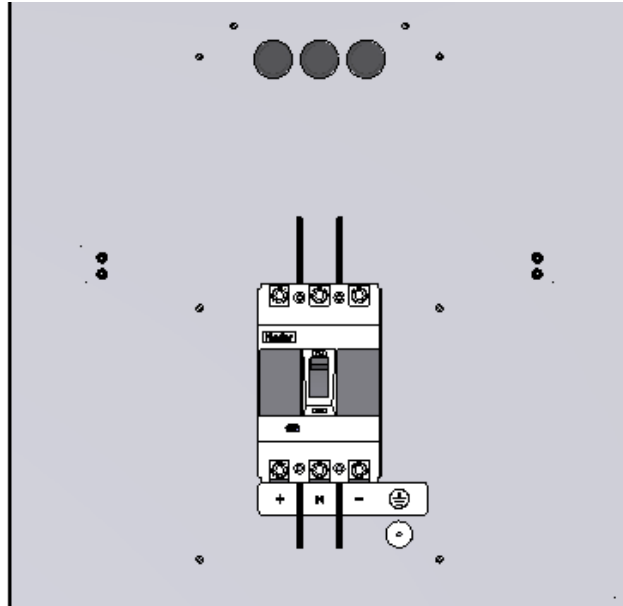
Step 1. Buckle the first bracket between the front and rear panels.



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



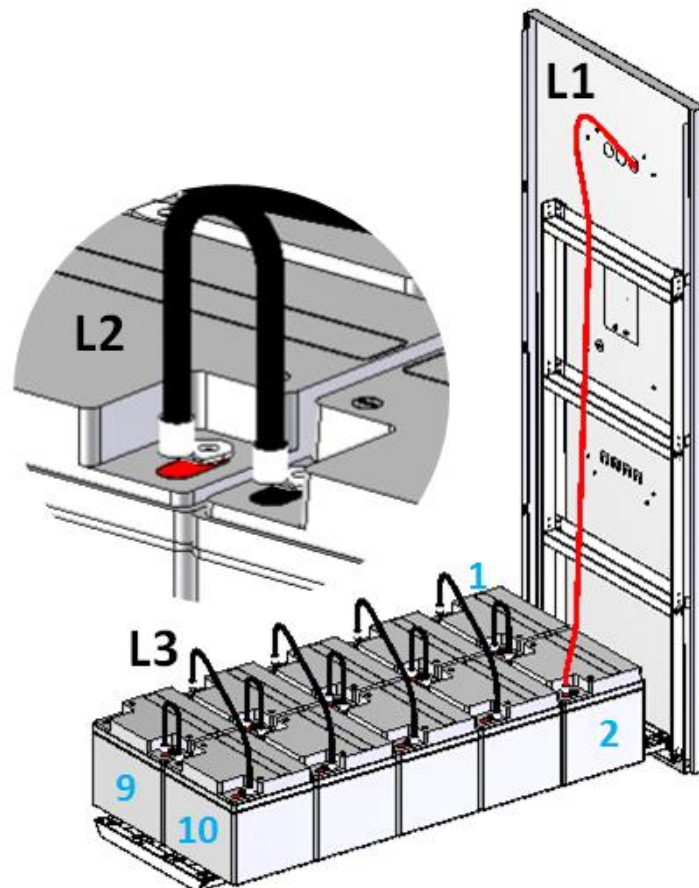
Step3. Install the snap bushing\*3pcs and paste the label on the rear panel then fixed the screw (M5\*1pcs) on the ground.



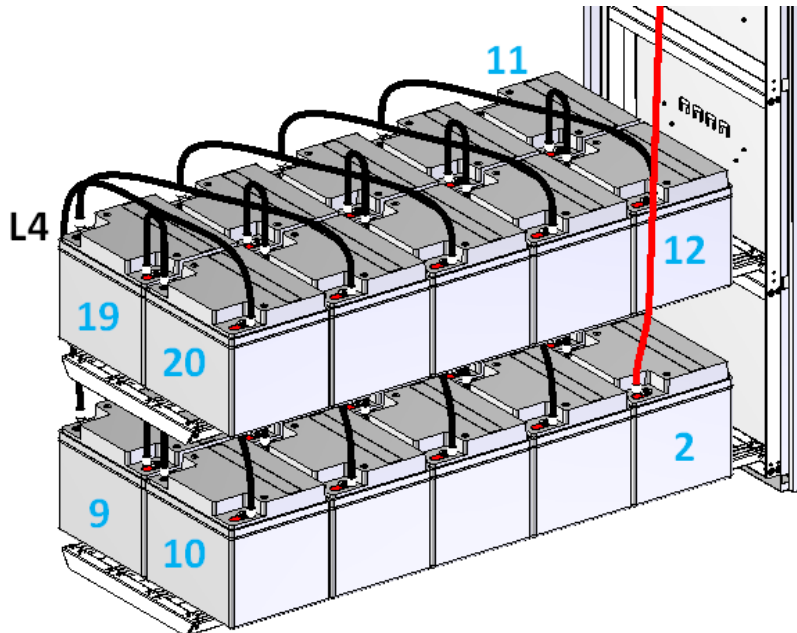
Step 4. Put the batteries on the bracket and connect the cables (let the terminals had a little angle that could easy to install).

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

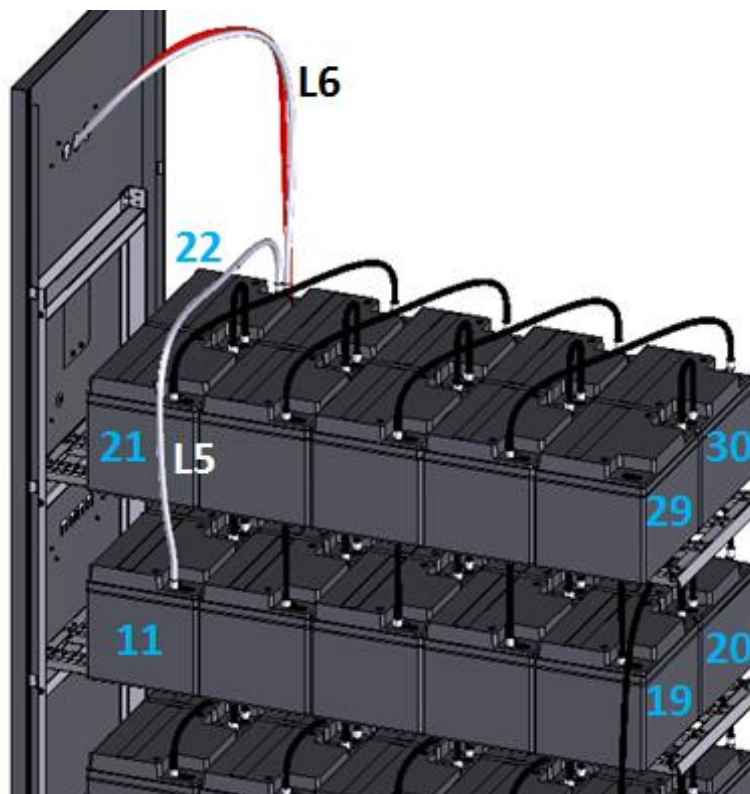
L1: From breaker(+) to battery2(+)



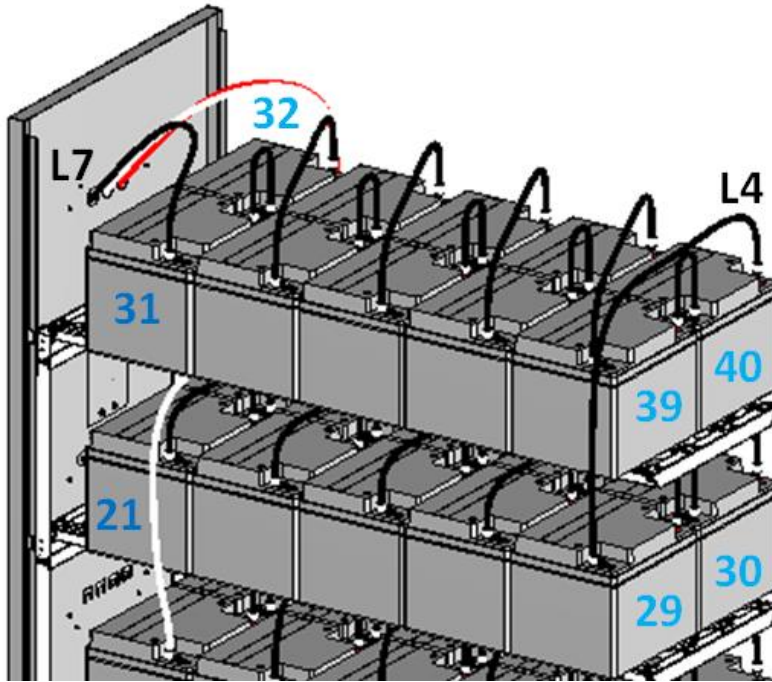
Step 5. Install the second bracket and put the batteries then connect the cables  
(Battery\*10pcs/Cable: L2\*5pcs/L3\*4pcs/L4\*1pcs)  
L4: From battery20(+) to battery9(-)



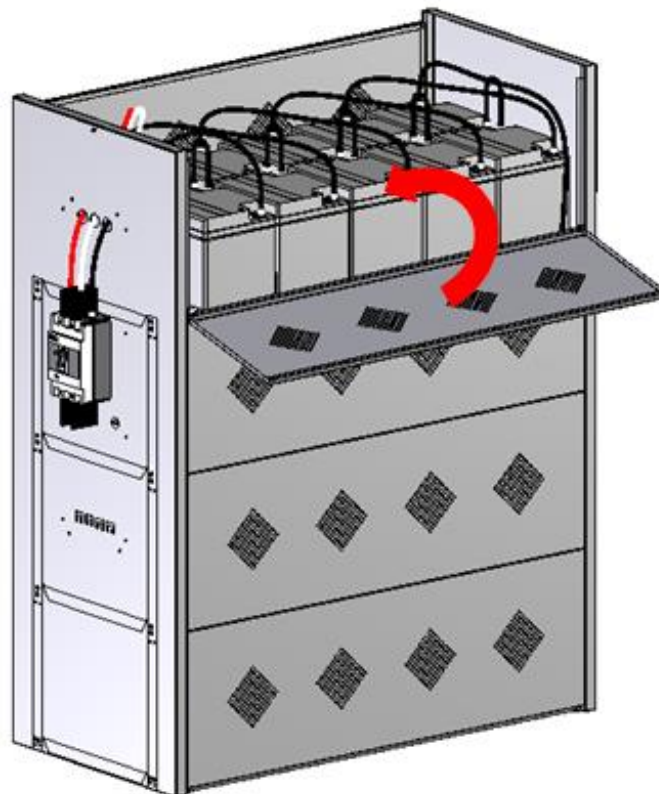
Step 6. Install the third bracket and put the batteries then connect the cables  
(Battery\*10pcs/Cable: L1\*1pcs/ L2\*5pcs/L3\*4pcs)  
L5: From battery22(+) to battery11(-)  
L6: From breaker (N) to battery22(+)



Step 7. Install the fourth bracket and put the batteries then connect the cables  
(Battery\*10pcs/Cable: L1\*1pcs/ L2\*5pcs/L3\*4pcs)  
L4: From battery40(+) to battery29(-)  
L7: From breaker(-) to battery31(-)

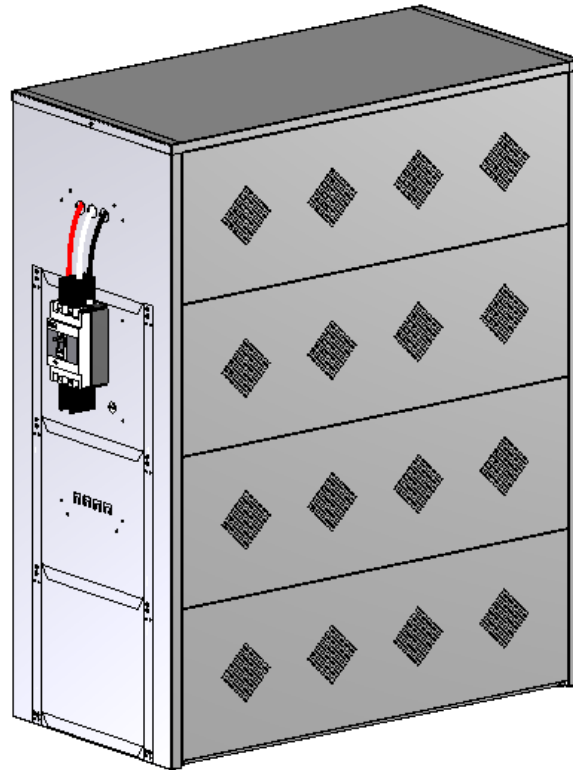


Step 8. Put on the side panels (from bottom to top).



Step 9. 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 10. Fixed the breaker cover (M3 screw\*12pcs).

