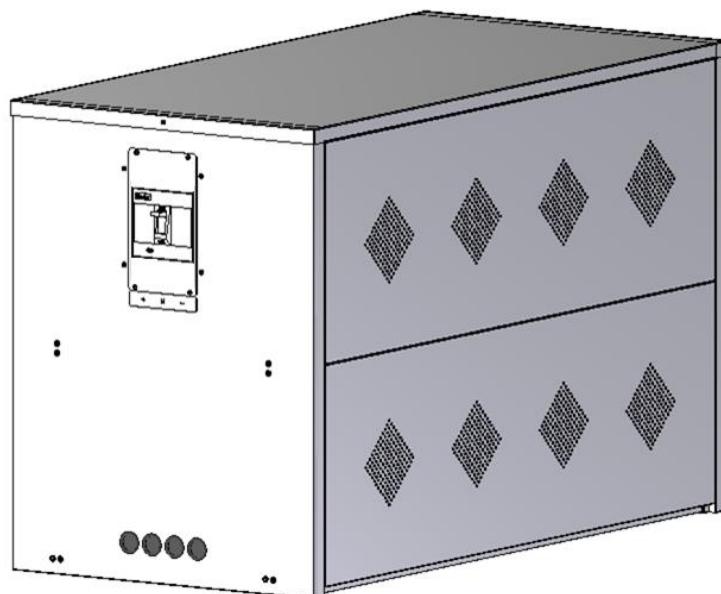




Installation manual for BCA series

BCA20N250A



Suitable battery

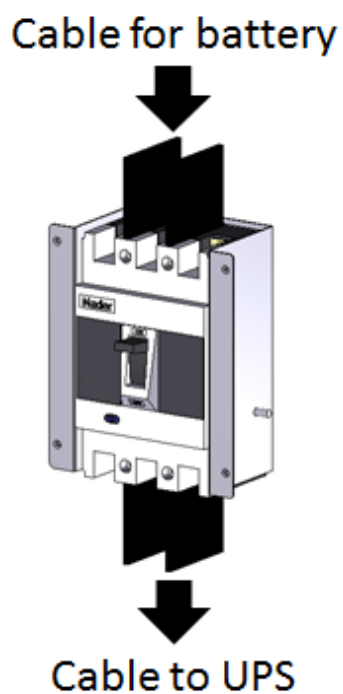
Apply to 20Ah battery of BB/Yuasa/CSB etc.

Accessory List

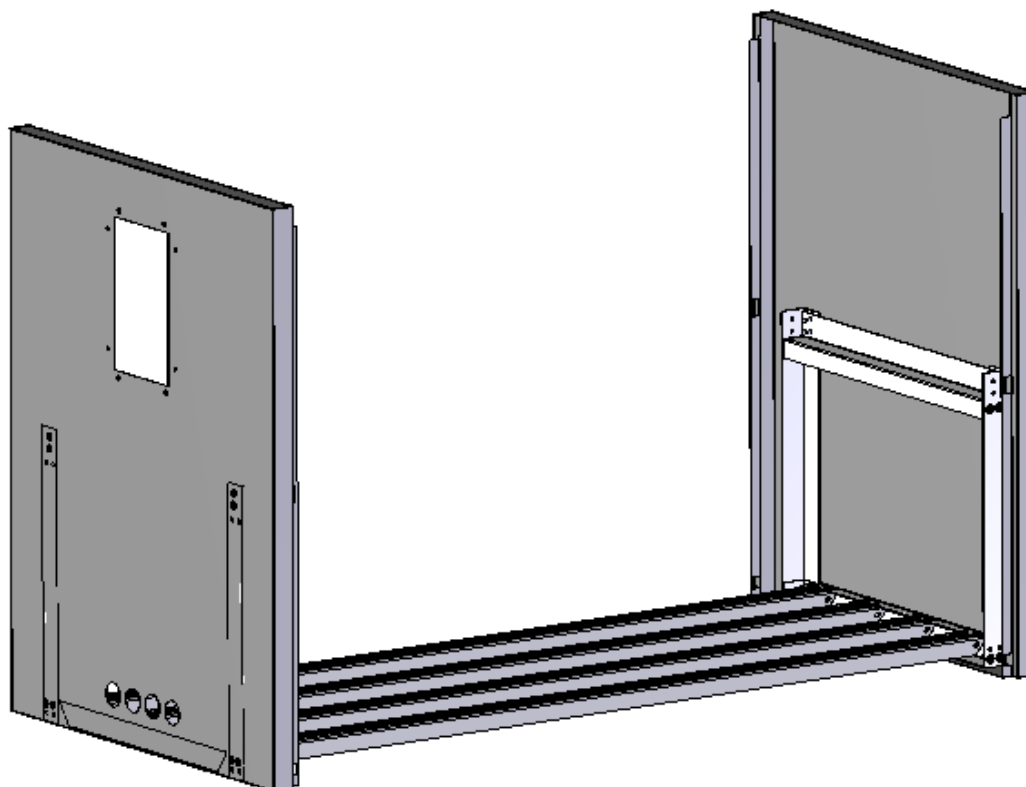
Item	Description	Quantity
Case	Front panel	1 pcs
	Rear panel	1 pcs
	Top panel	1 pcs
	Side panel	4 pcs
	Bracket	2 pcs
	Breaker holder	1 pcs
	Breaker cover	1 pcs
Cable	L1 16mm ² - 650mm	2 pcs
	L2 16mm ² - 220mm	20 pcs
	L3 16mm ² - 480mm	18 pcs
	L5 16mm ² - 950mm	2 pcs
	L6 16mm ² - 1250mm	2 pcs
Breaker	250A breaker	1 set
	Screw	4 pcs
Screw	M3	10 pcs
Nut	M5(for ground)	1 pcs
Label	Ground / Breaker / Name	1 pcs of each
Snap bushing		4 pcs

Procedure

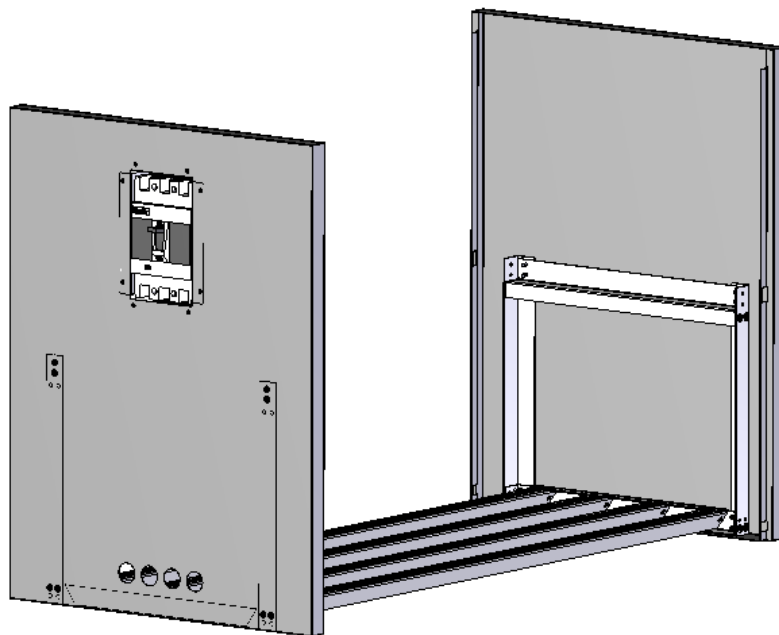
Step 1. Fixed the breaker on the breaker holder.



Step 2. Buckle the first bracket between the front and rear panels.



Step 3. Fixed the breaker holder on the rear panel (M3 screw*4pcs).



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

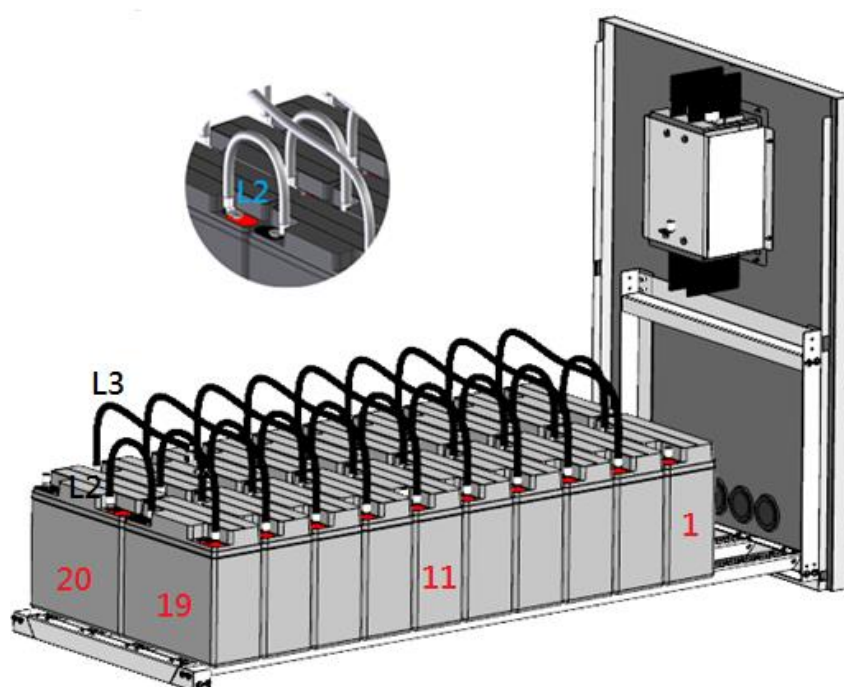
(Battery*20pcs/Cable:L2*10pcs/L3*9pcs/L1*1pcs/L5*1pcs/L6*1pcs)

L1: Connect to battery1(+)[#]

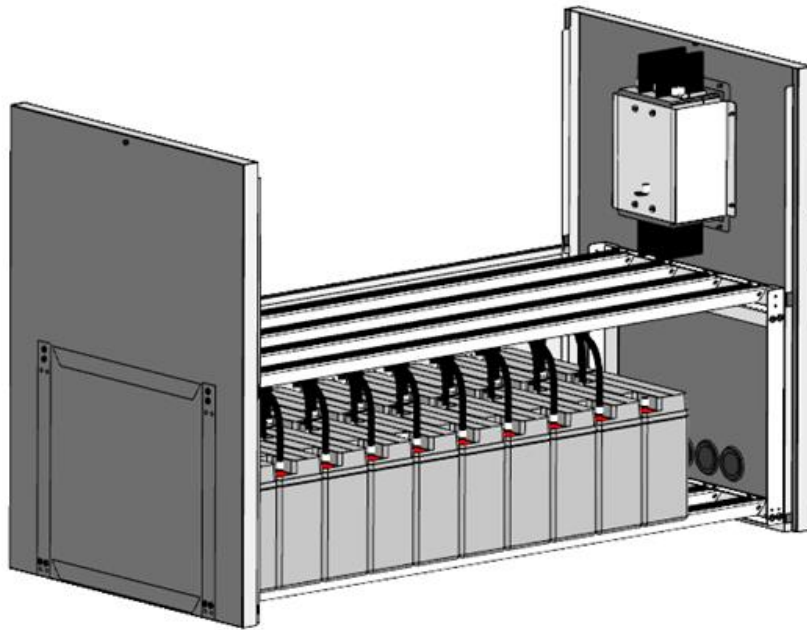
L5: Connect to battery11(+)[#]

L6: Connect to battery20(-)[#]

[#]: (Prepared in advance but not shown)



Step 5. Buckle the second bracket between the panels.



Step 6. Put the batteries on the bracket then connect the cables.

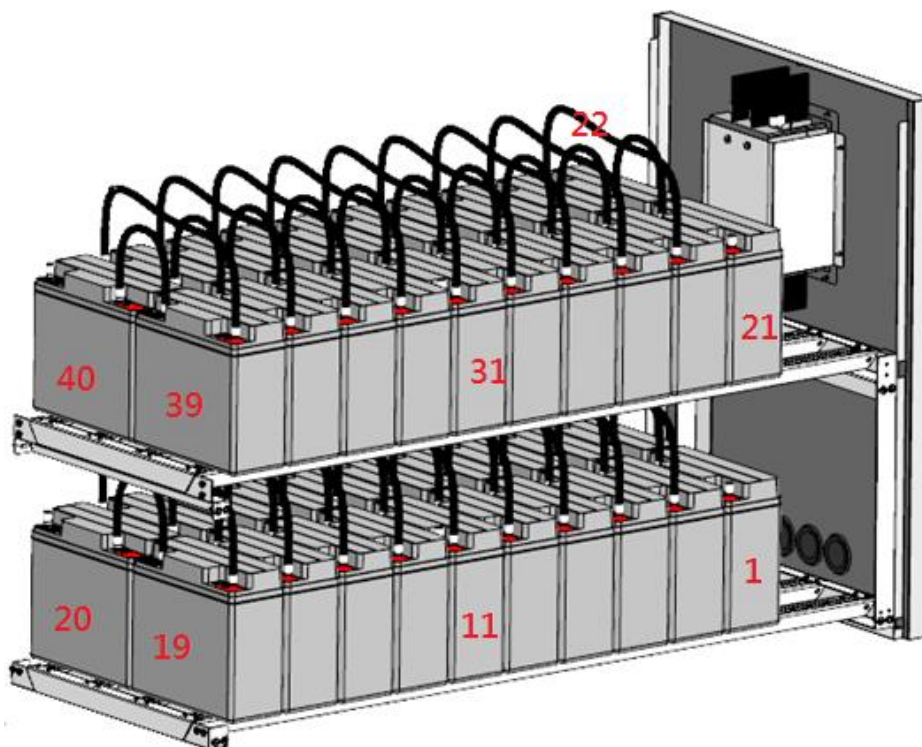
(Battery*20pcs/Cable:L2*10pcs/L3*9pcs/ L1*1pcs/L5*1pcs/L6*1pcs)

L1: Connect to battery21(+)[#]

L5: Connect to battery31(+)[#]

L6: Connect to battery40(-)[#]

[#]: (Prepared in advance but not shown)



Step 7. Connect the cables from breaker to battery.

L1: From battery 1(+) to breaker(+)

L1: From battery 21(+) to breaker(+)

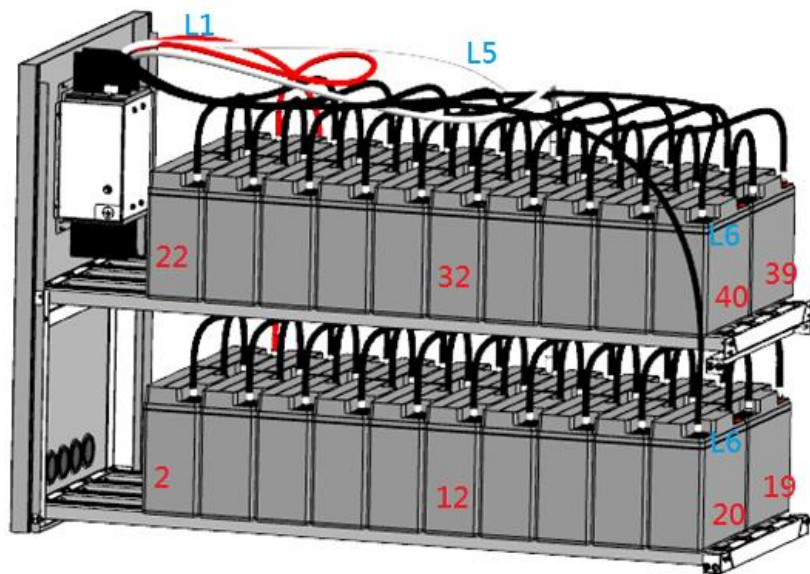
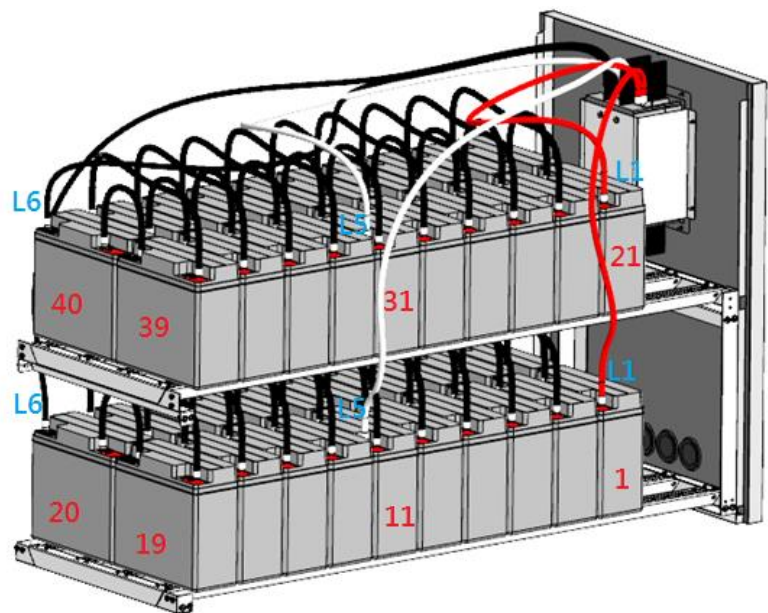
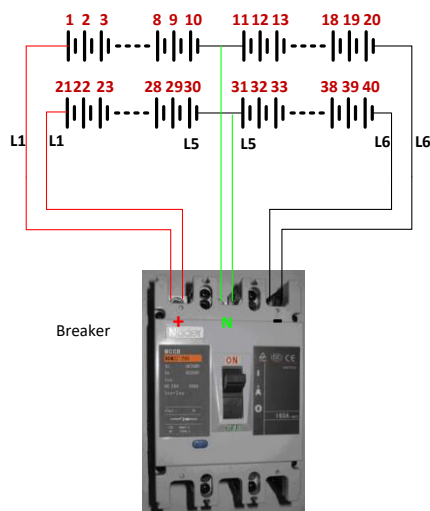
L5: From battery 11(+) to breaker(N)

L5: From battery 31(+) to breaker(N)

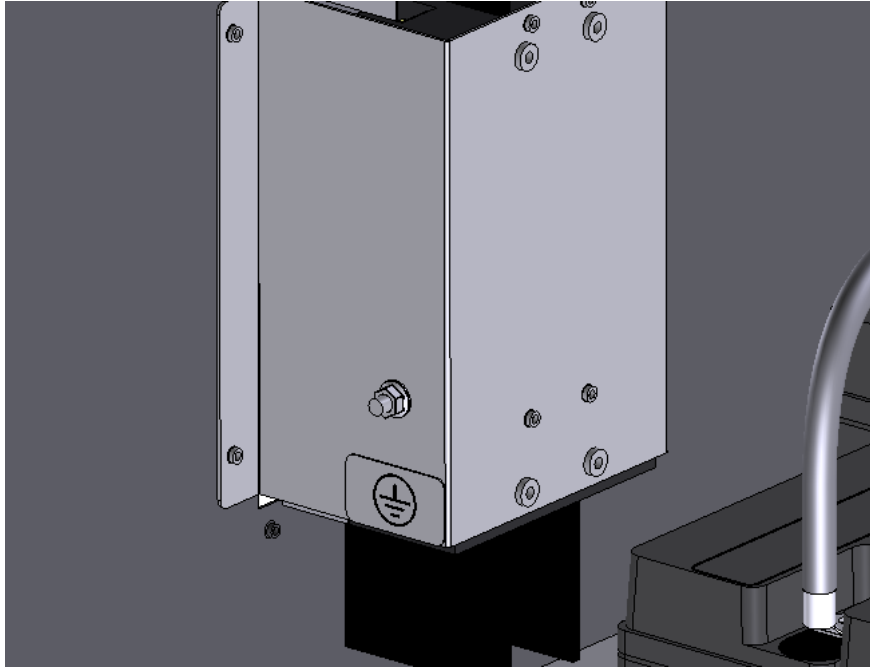
L6: From battery 20(-) to breaker(-)

L6: From battery 40(-) to breaker(-)

Please refer to the equivalent circuit and installation

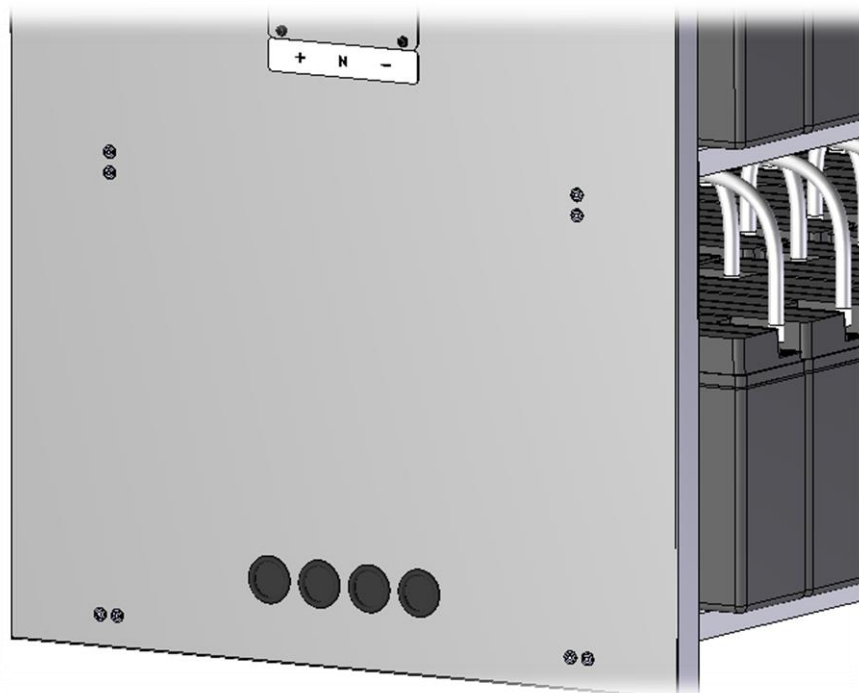


Step 8. Paste the ground label on the cover, connect to ground and tighten the nut(M5 nut*1pcs).

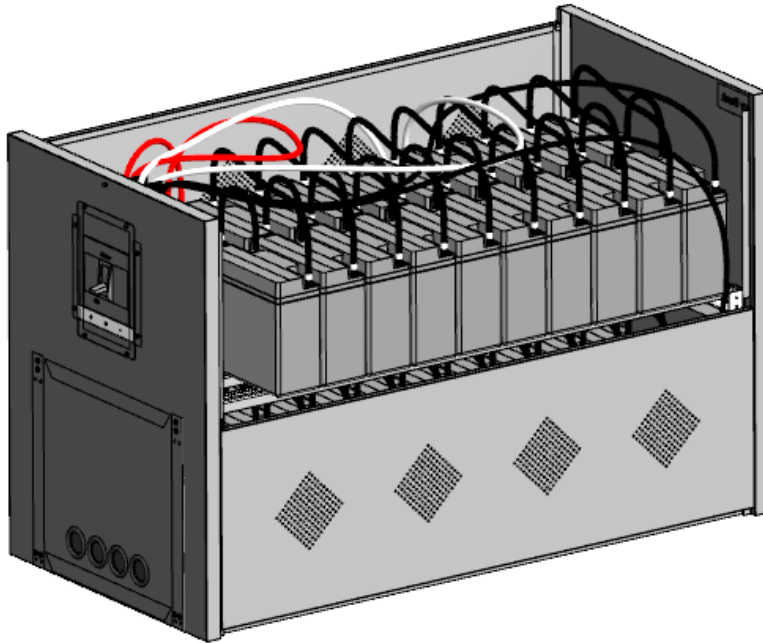


Step 9. Install the snap bushing*4pcs.

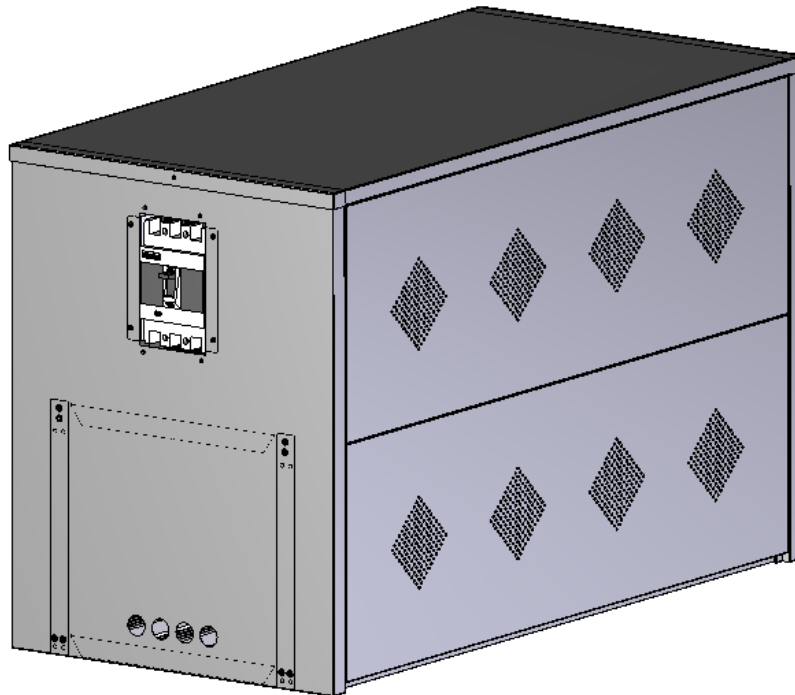
Please let the cables through the snap bushings(User can cut the snap bushing) and connect with breaker when you want to connect battery cabinet from UPS.



Step 10. Put on the side panels (from bottom to top).



Step 11. Put on the top panel and tighten the screw(M3 screw*1pcs).



Step 12. Fixed the breaker cover and paste the label(M3 screw*4pcs).

