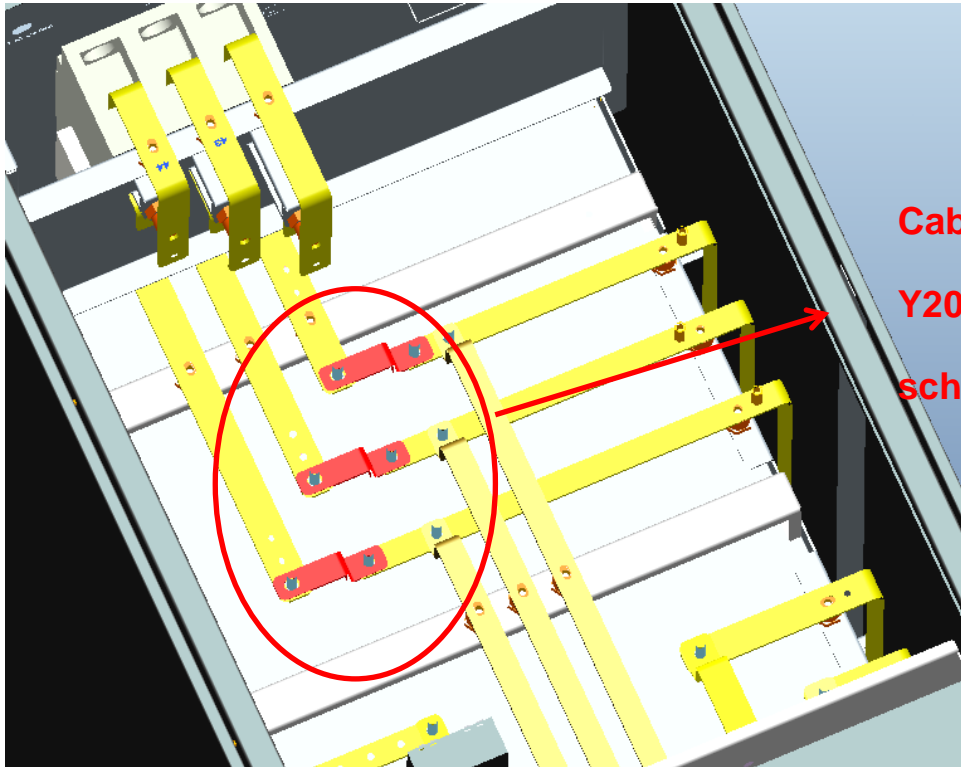


## Dual Input Manual for RMX300 Serial UPS V1.0

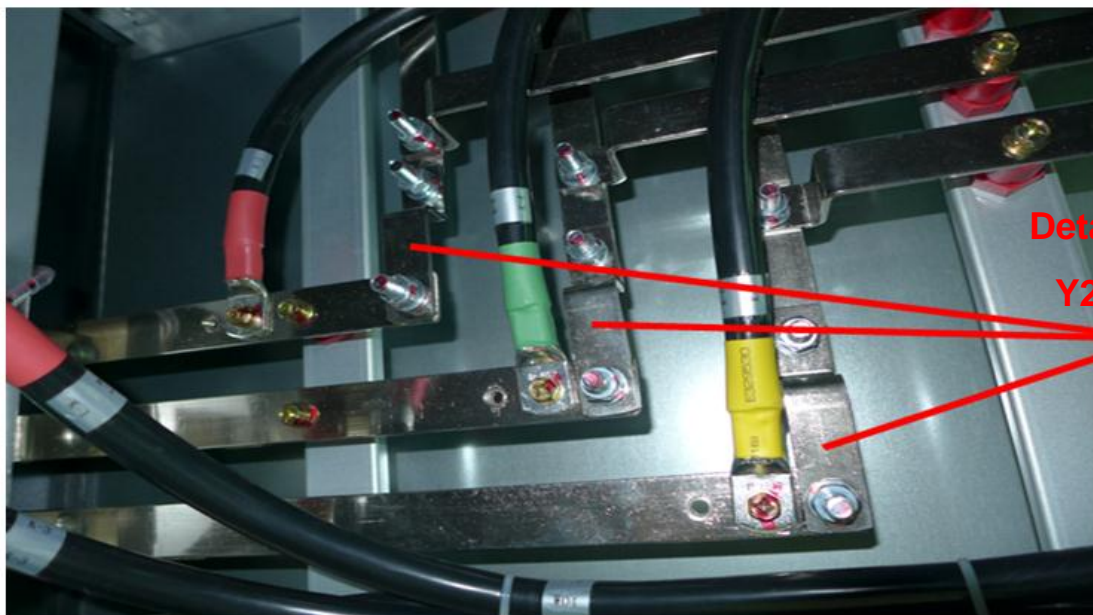
### Notes:

- Please test the unit first, and pull out all modules
- Only run one module, and test the dual input.

1. Remove the cabinet top and right cover.
2. Remove 3 copper bars (Label: Y20), as is shown in figure 1.



Cabinet top view:  
Y20 copper bar  
schematic diagram



Detailed drawing:  
Y20 copper bar

Figure 1 Y20 copper bar

3. Install the bypass input copper bar with screws, as is shown in figure 2 and 3.

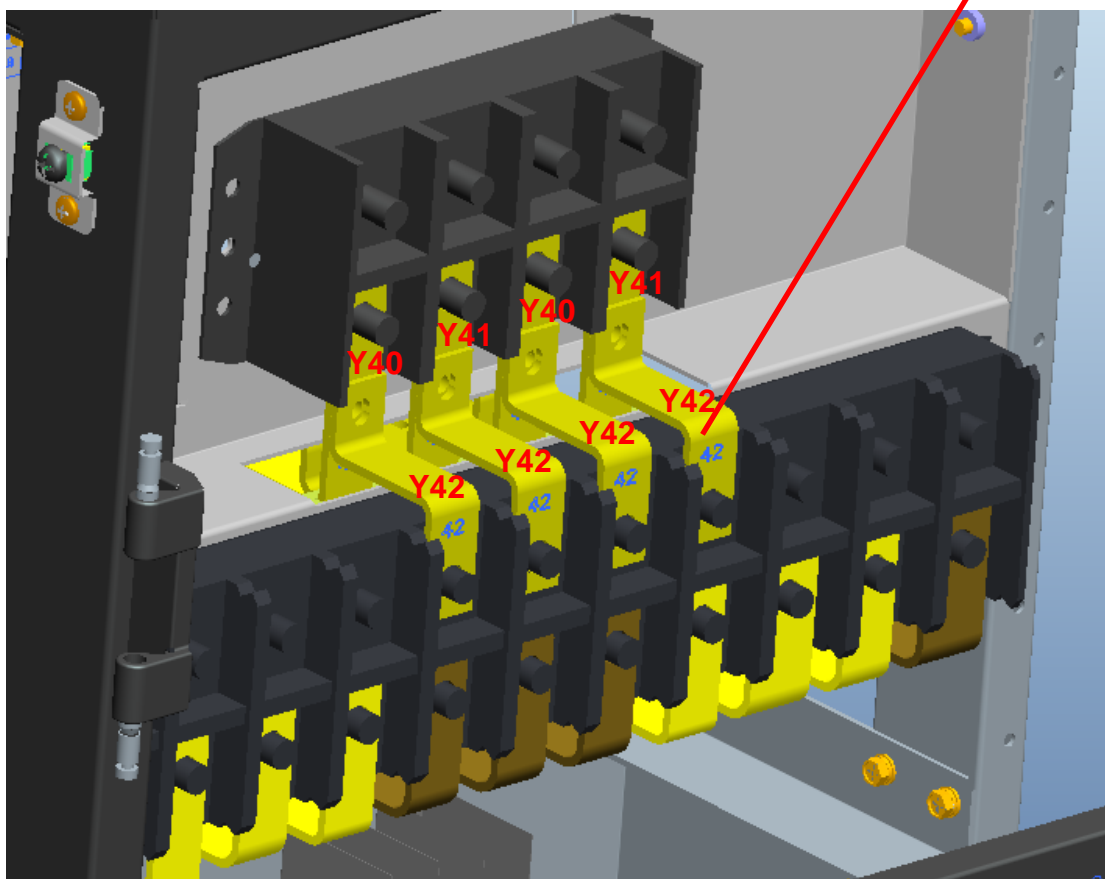
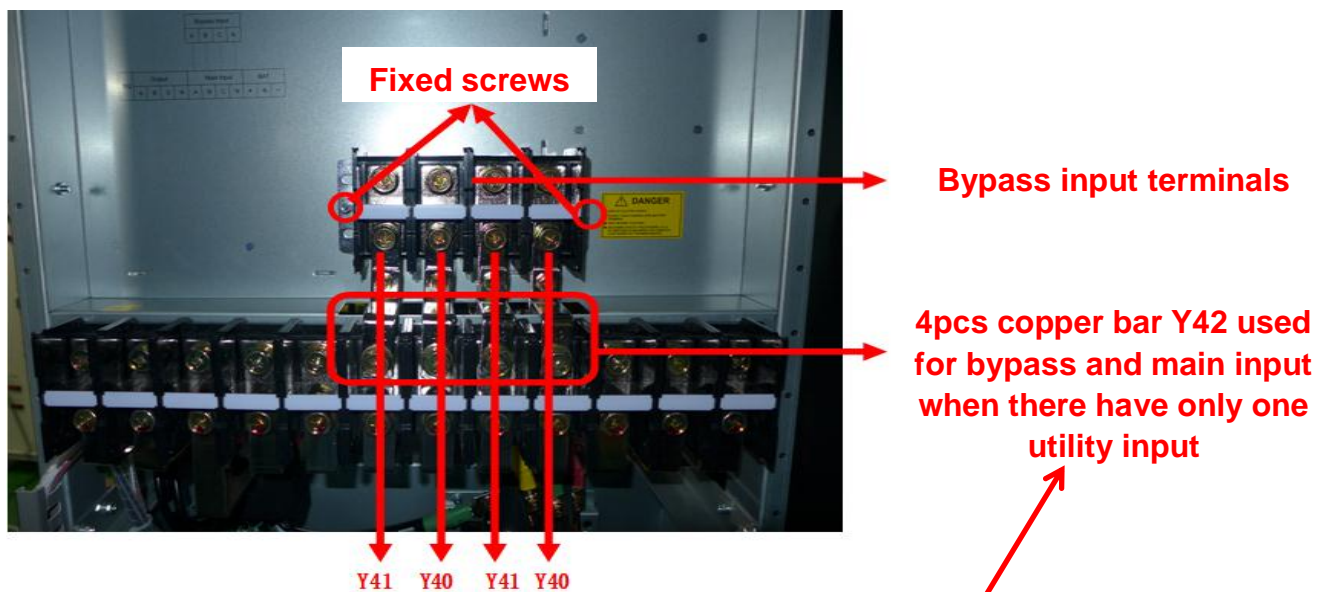


Figure 2 Bypass input terminals and copper bar installation

**Notes:**

- After install bypass terminals, you need install Y40/Y41 first, then Y42
- If the installation site has dual utility input, Y42 need to be removed.
- Please pay attention to the Y40/Y41 installation position and sequence

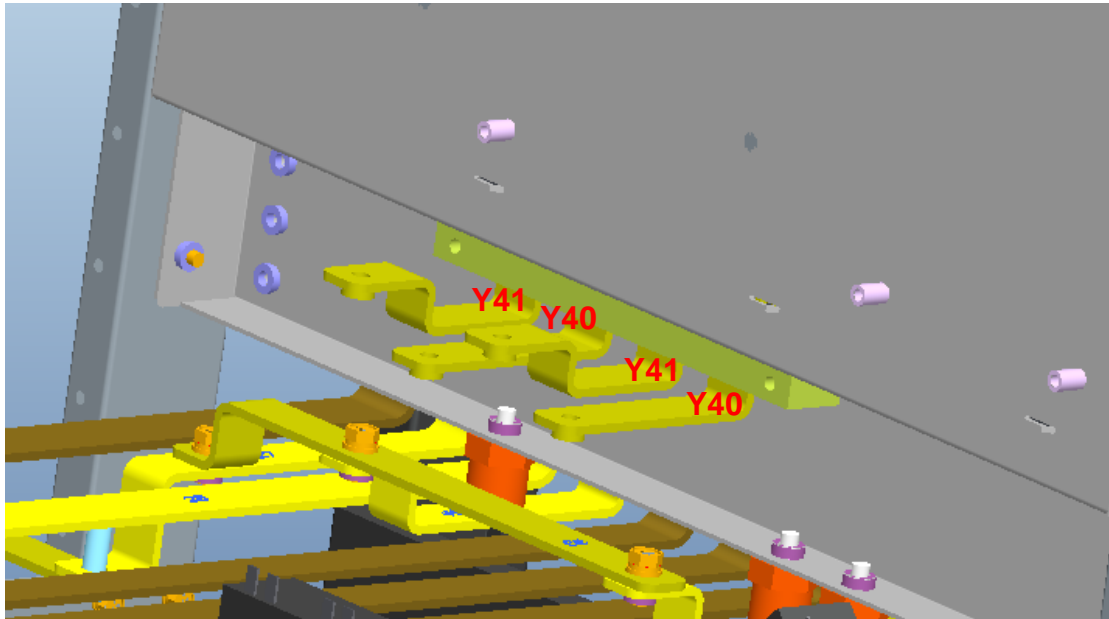


Figure 3 New copper bar Y40/Y41 installation

4. Connect the 4 pcs cables (W04B, W05B, W06B and W17) between bypass terminals and maintenance bypass switch, as is shown in figure 4 and 5.

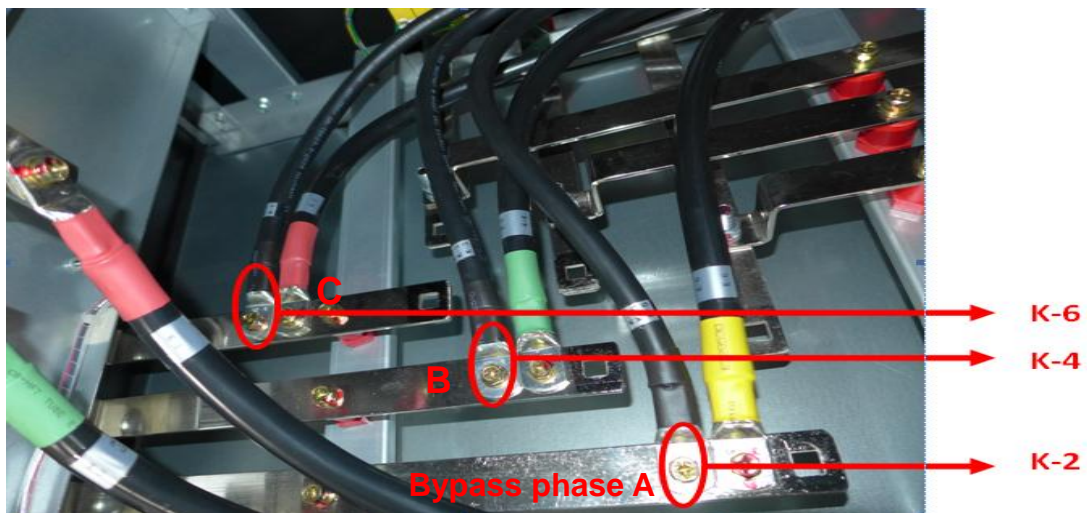


Figure 4 Cables connection

**Notes:**

- Connect bypass input N (BYP N) cable to cabinet N (N bar) copper bar, as is shown in figure 5.

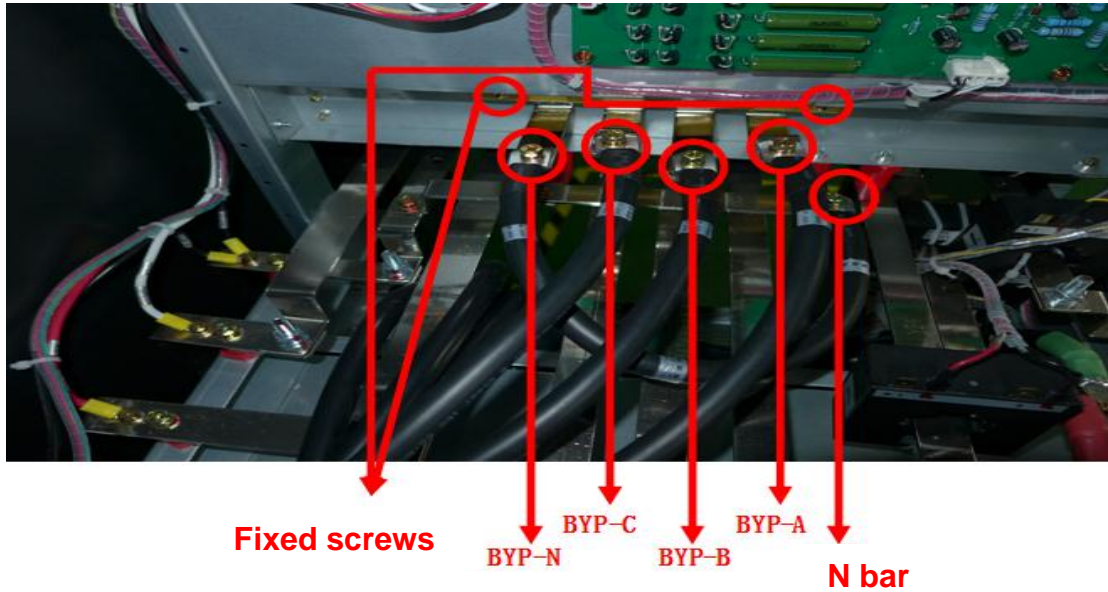


Figure 5 N cable connection

5. Install the bypass voltage detection cables on the battery cold start board, connect DR9-J3 terminal (Battery cold start board) to FR-J1 (Red cable) and FR-J3 (White cable), as is shown in figure 6.  
Connect DR9-J3 (Battery cold start board) another terminal to TF4-J28, as is shown in figure 7.

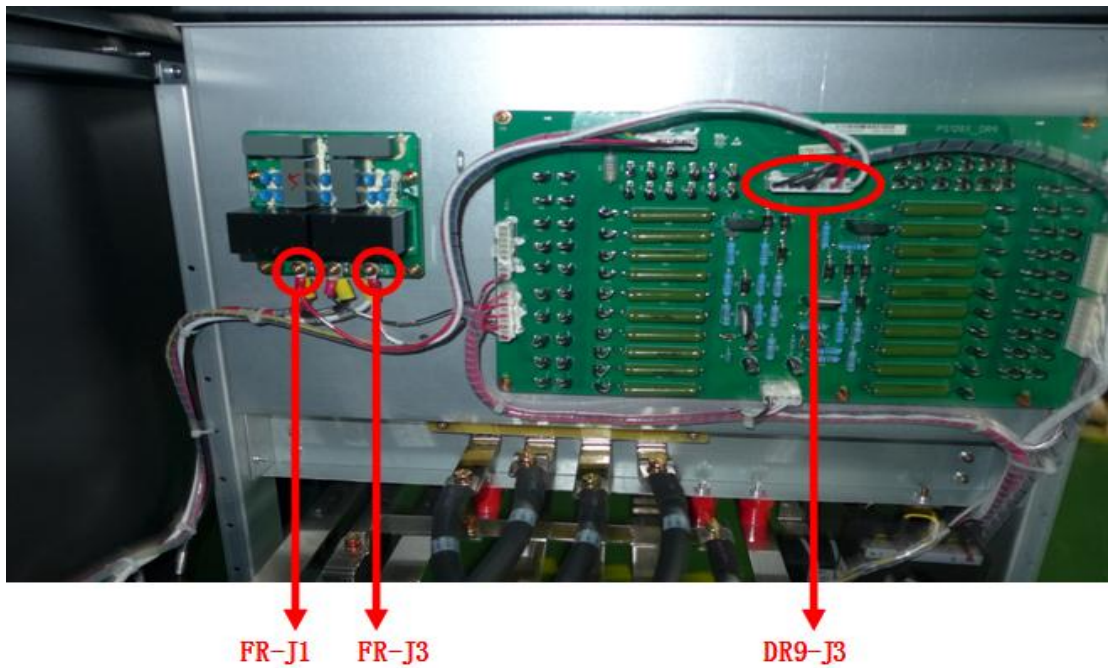


Figure 6 FR-J1 and FR-J3 cables

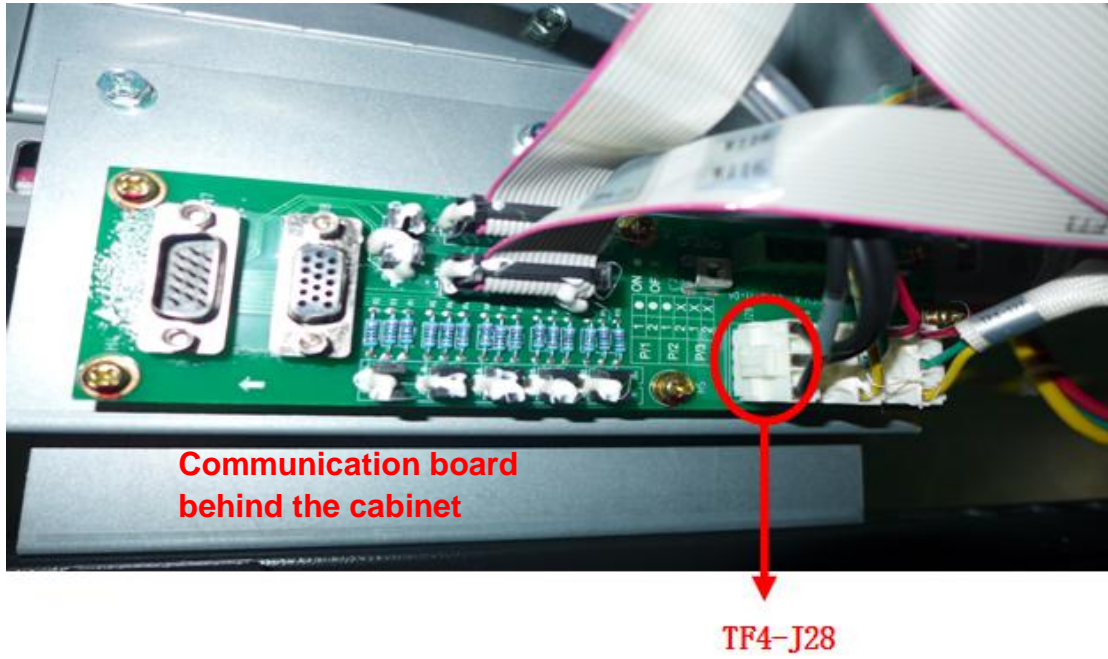


Figure 7 TF4-J28 cable

6. Before turn on UPS, please check all input power cables with the right phase, especially for phase shorted.