

Dual Input Manual for RM060 Serial V1.0

1. Remove the covers of top, left and right sides, as is shown in Figure 1.



Figure 1 Covers

2. Install the bypass input terminals and G40/G41 copper bar, as is shown in figure 2 and 3.

Note:

- Please pay attention to the sequence of G40 and G41

Bypass input terminals

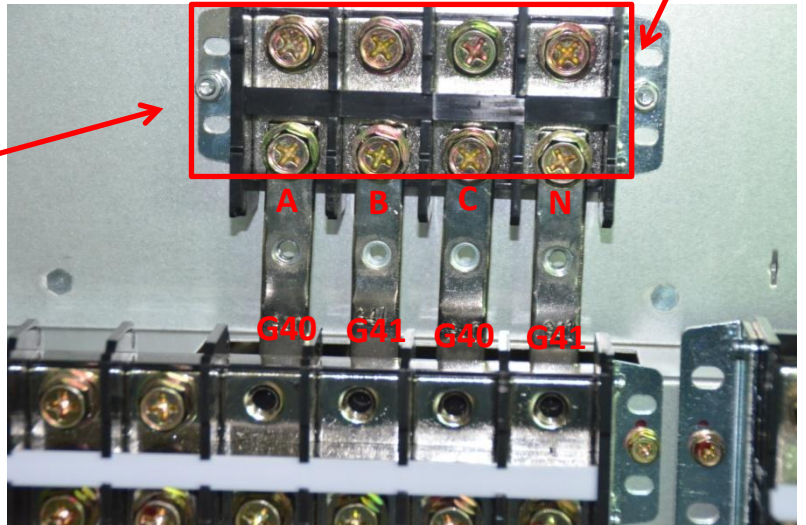


Figure 2 Bypass input terminals

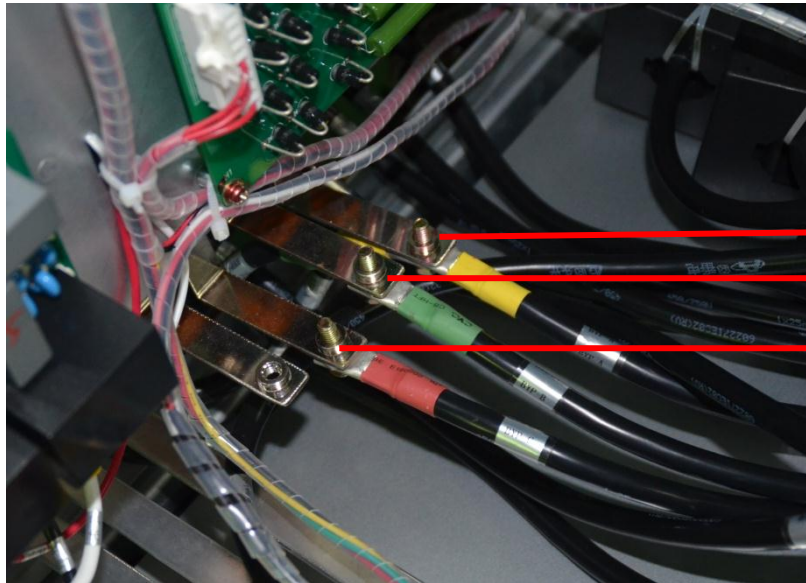
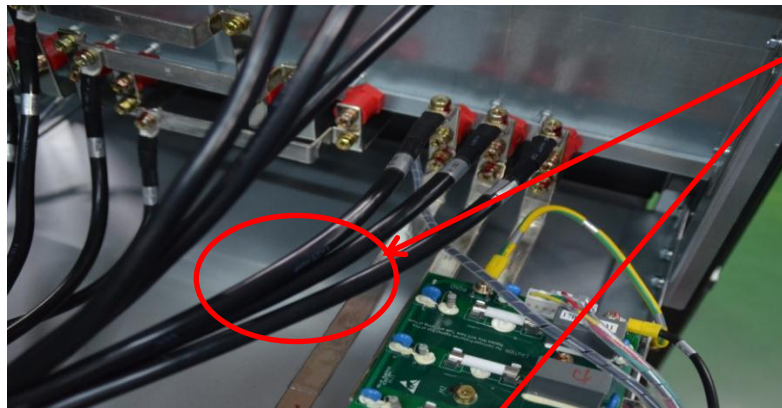
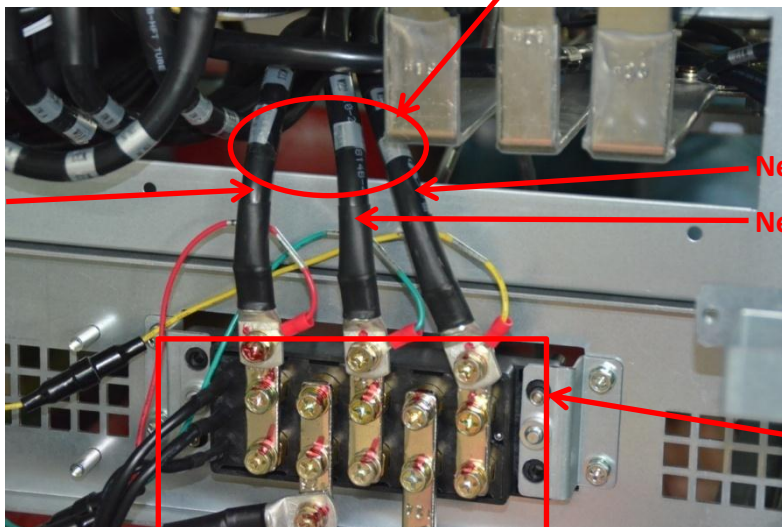


Figure 3 Bypass input terminals

3. Remove and **leave** the old bypass module input black cables: W15 (Phase A), W16 (Phase B) and W17 (Phase C), and install the new bypass module input cables (Shorter than the old one, W501 W502 W503) between bypass input copper bar and bypass module input, as is shown in figure 4 and 5.



Remove and leave the old bypass module input black cables: W15 (Phase A), W16 (Phase B) and W17 (Phase C)



New cable phase C W503

New cable phase A W501

New cable phase B W502

Bypass module input

Figure 4 Bypass module input cables

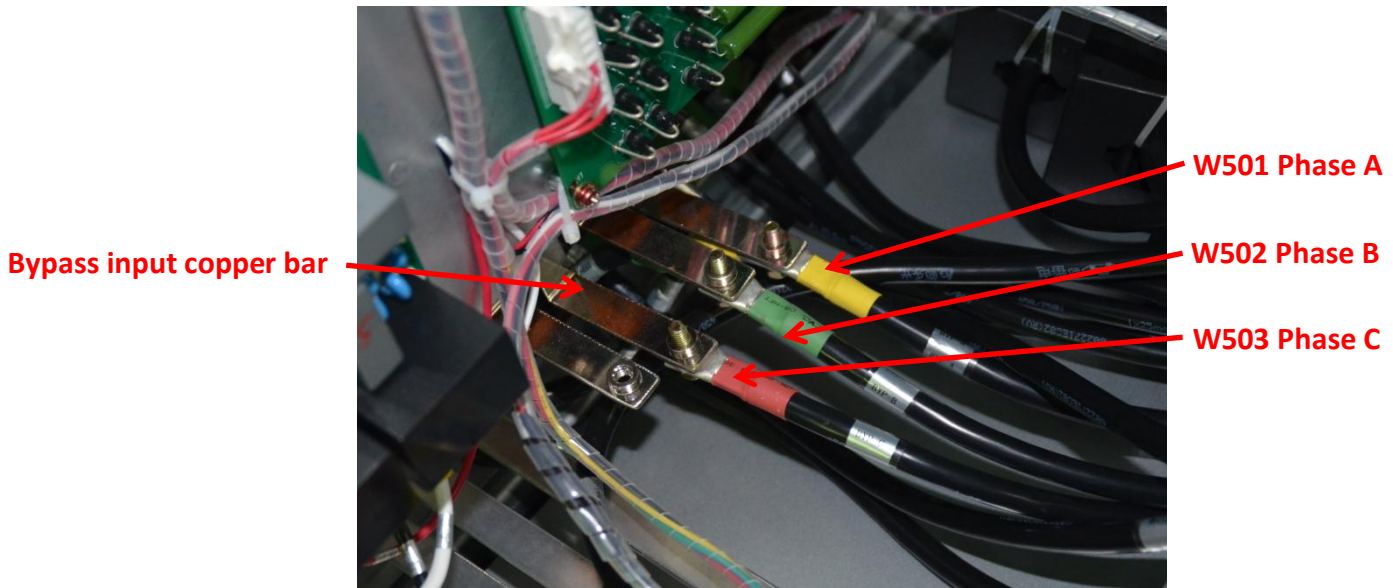


Figure 5 Bypass module input cables to bypass terminals

4. Remove 3 pcs copper bars between maintenance switch input and main input copper bar, and install new 3 pcs longer cables between maintenance switch inputs and bypass input copper bars, as is shown in figure 6 and 7.

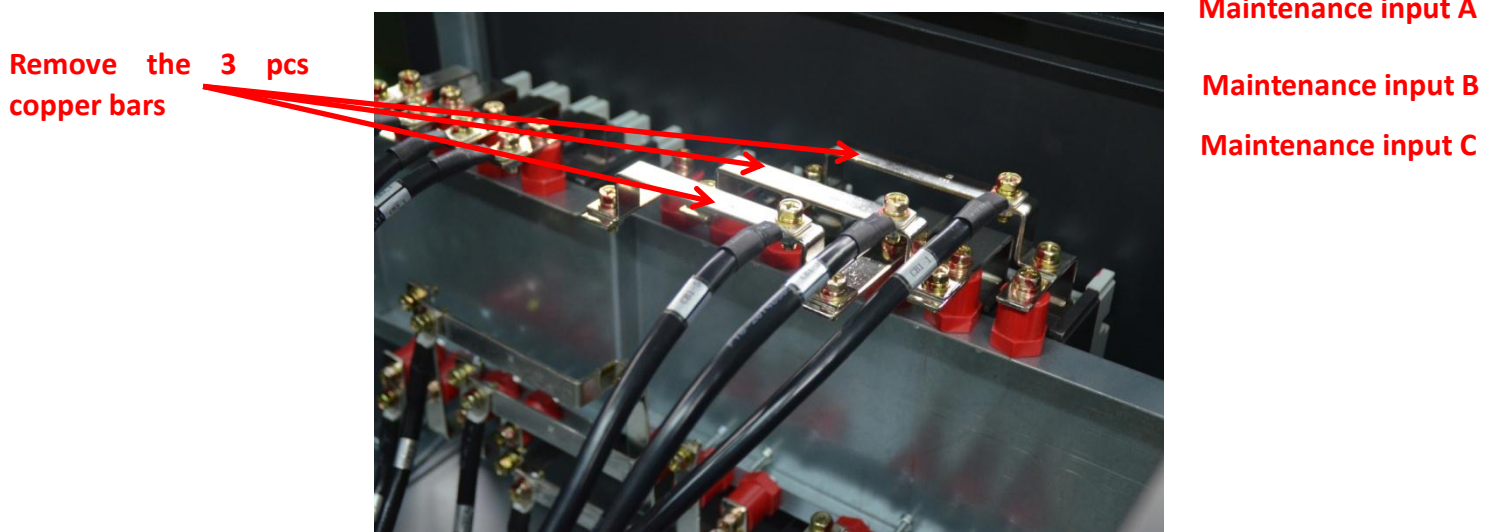


Figure 6 Shorted copper bars

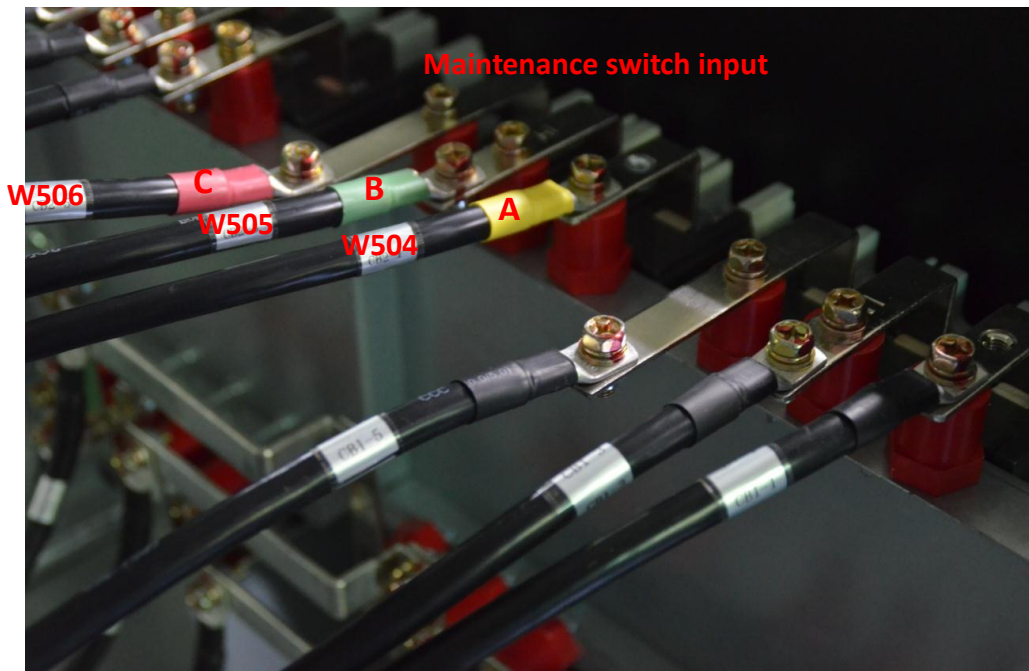
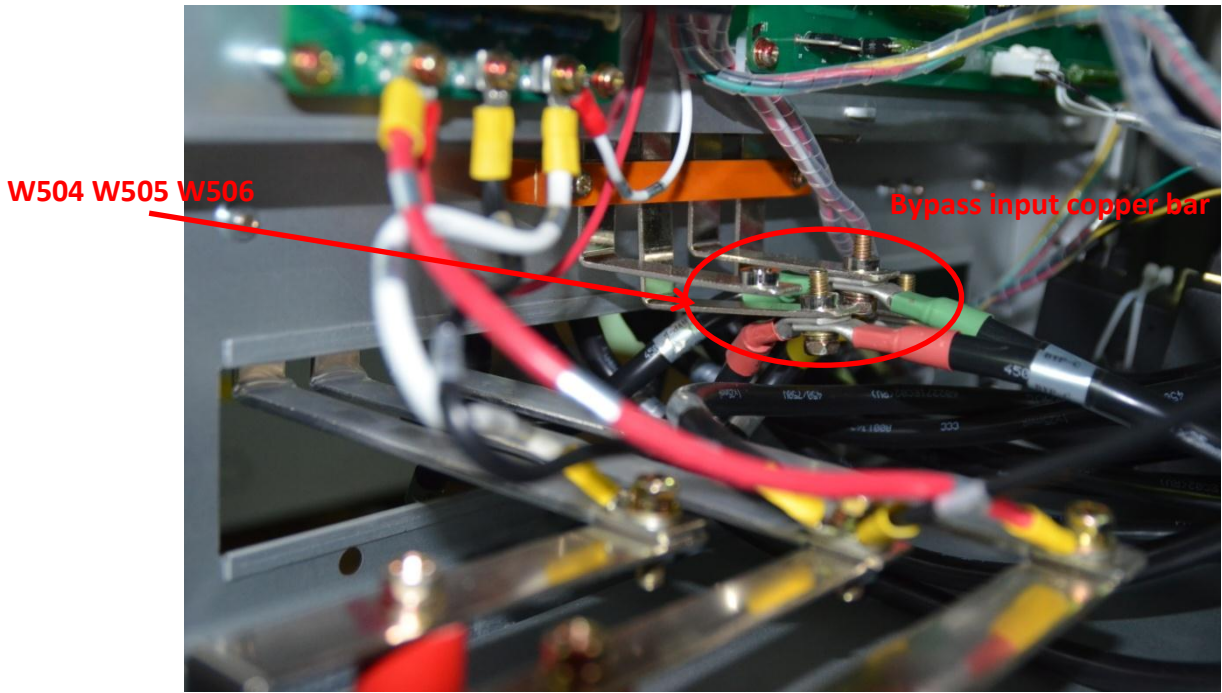


Figure 7 New cables W504 W506 W507

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 8. Connect DR9-J3 (Battery cold start board) another terminal to FJ-J6, as is shown in figure 9.

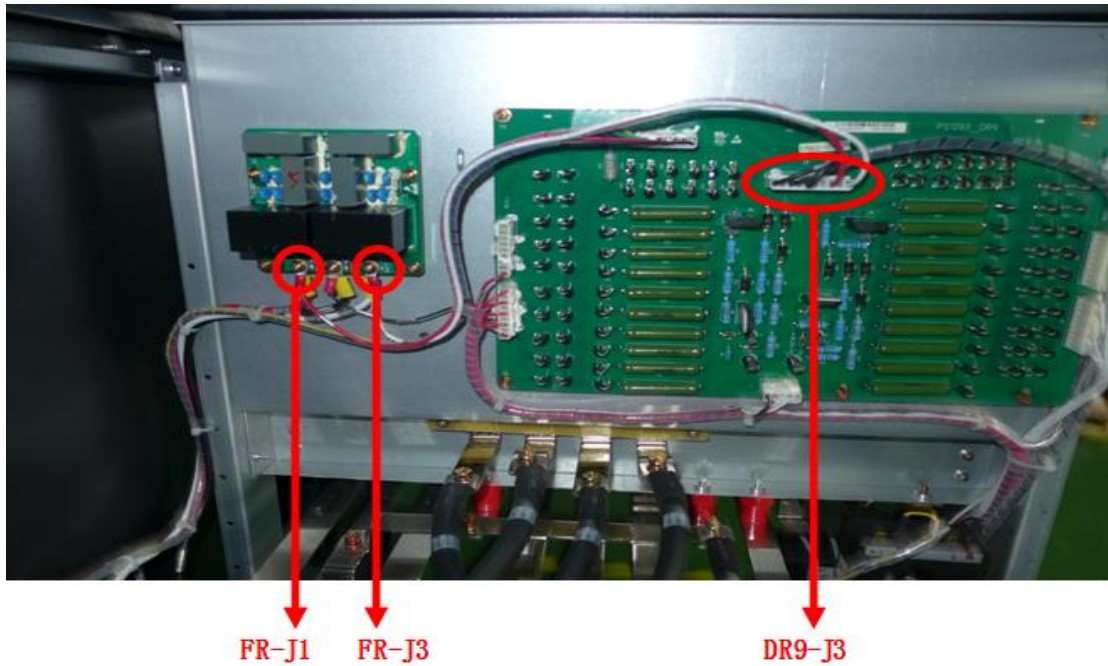


Figure 8 FR-J1 and FR-J3 cables

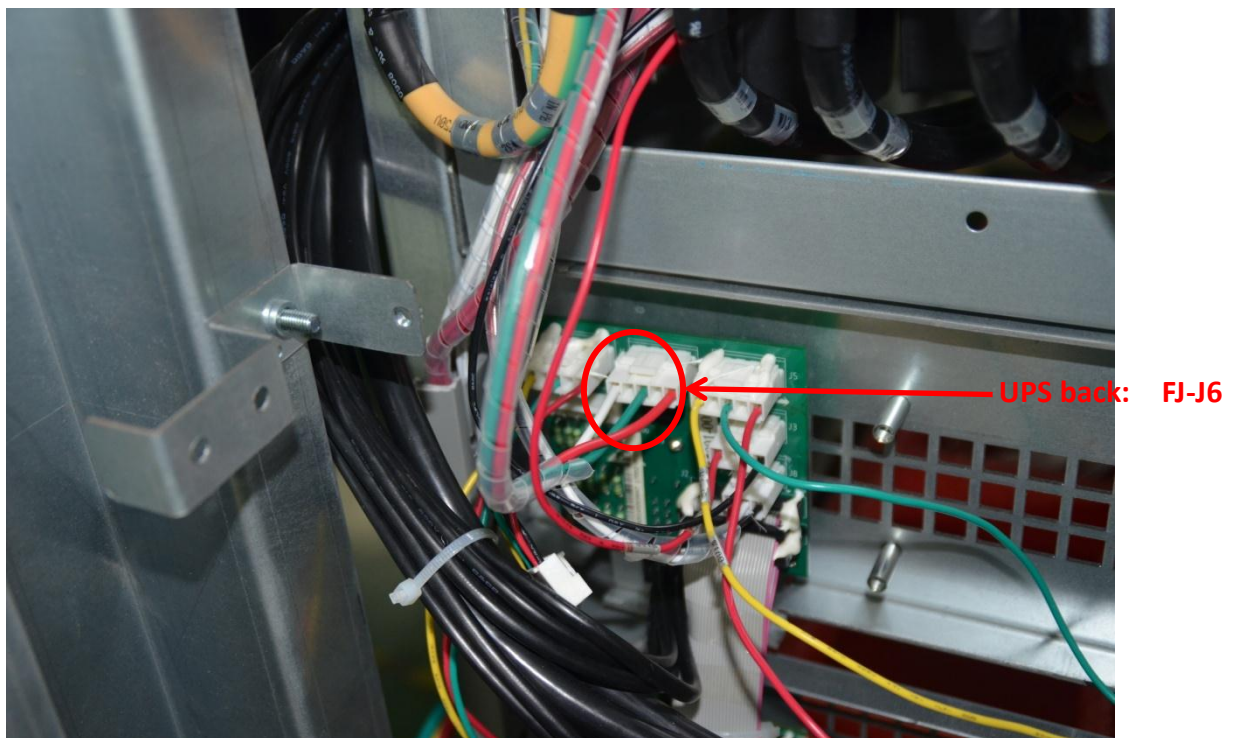


Figure 9 FJ-J6 cable

6. Replace the Front Plate with new one (new diagram in the front), as is shown in figure 10.

Note:

- Be careful with the battery cold start button when do the replacement, as is shown in figure 11, please make some labels when remove.

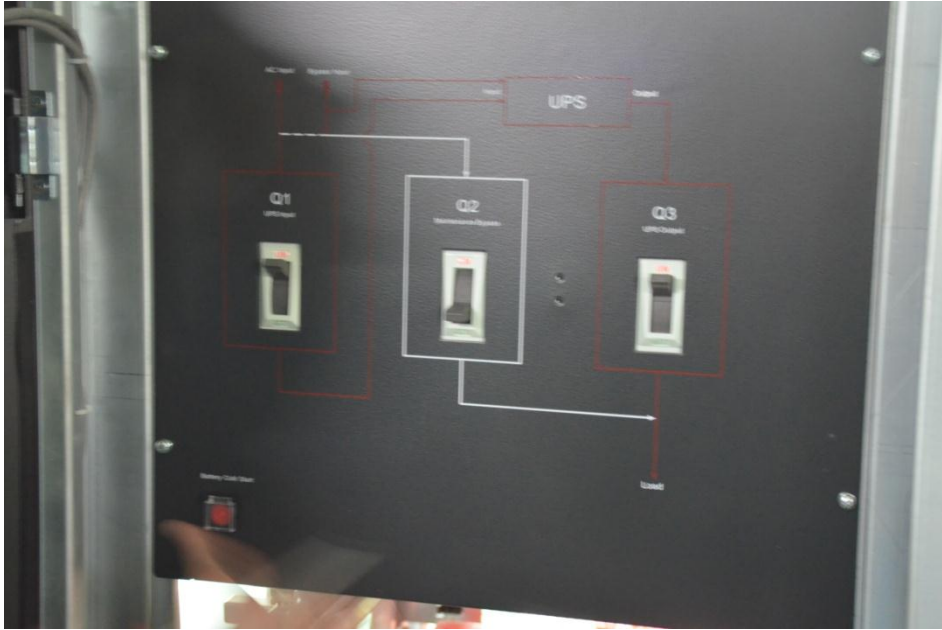


Figure 10 New front panel



Figure 11 Button

7. Check all the new connections and install back the covers of the UPS

Note:

- For the Dual Input, if the system needs to share the same input, the shorted copper bars Y42 should be added to the position as is shown in figure 12 and 13.

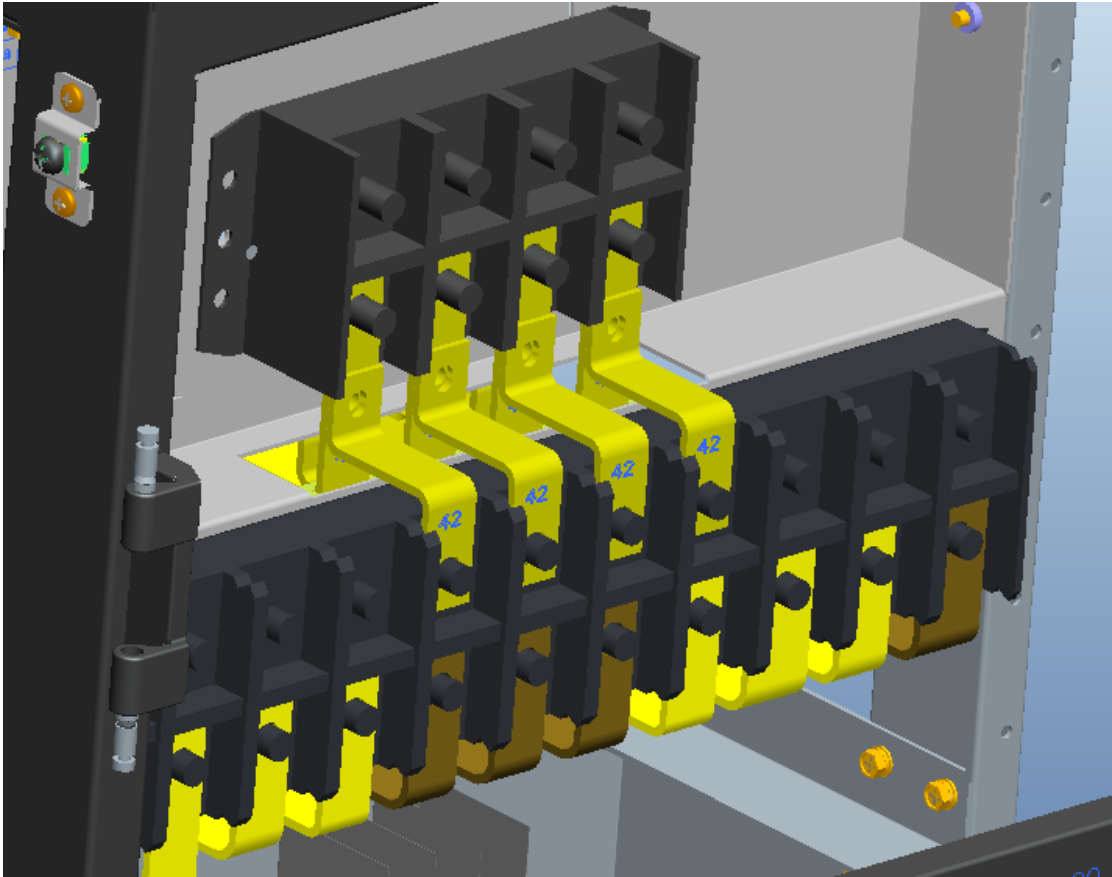


Figure 11 Y42 copper bars

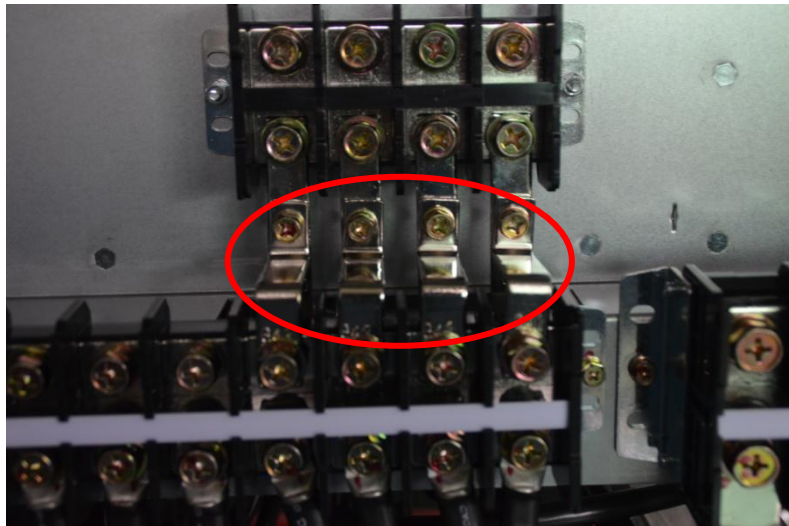


Figure 12 Y42 copper bars