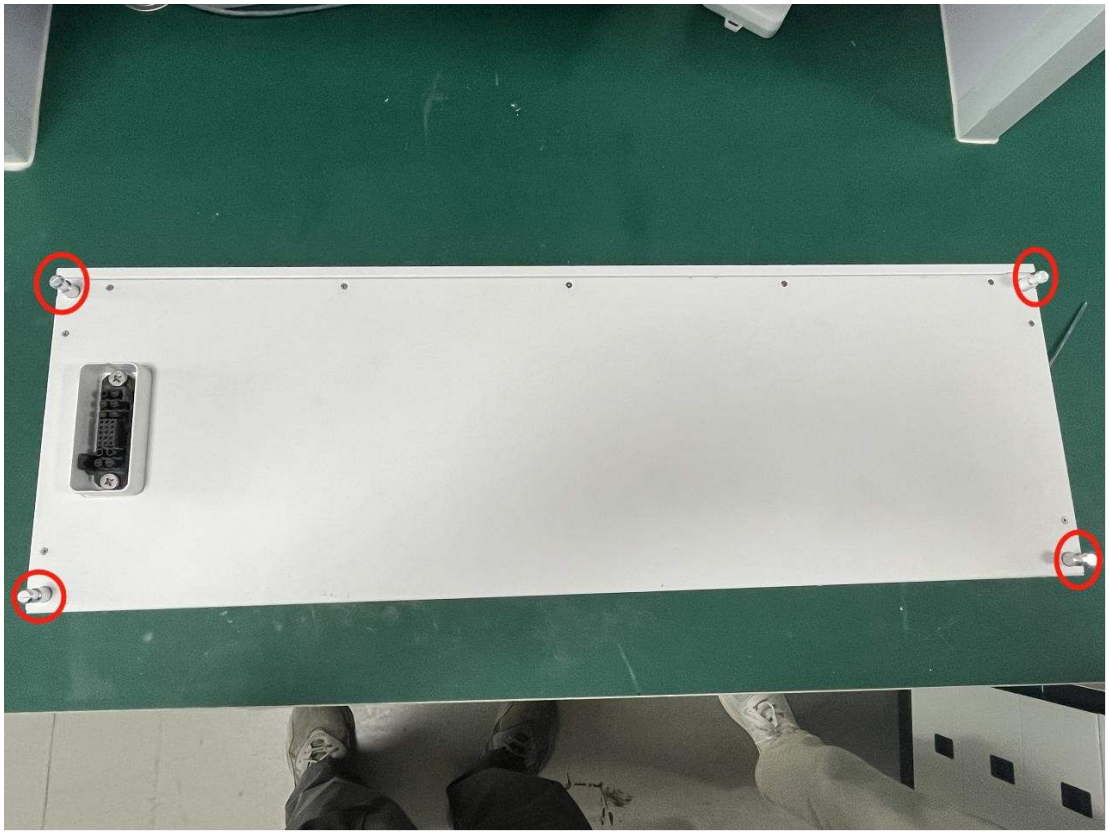
Module Voltage Measurement **SOP**

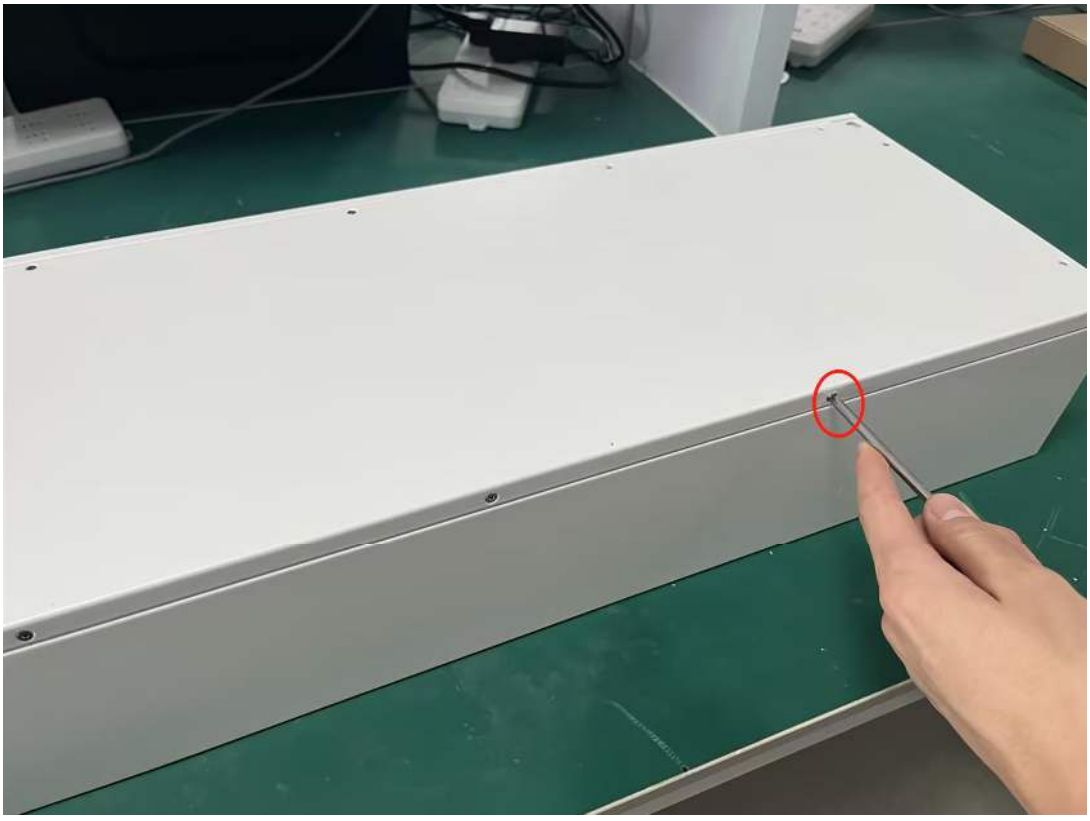
(Non-professionals are advised against performing this procedure to avoid safety risks or equipment damage.)

1. Partially disassemble the problematic battery module's mounting:

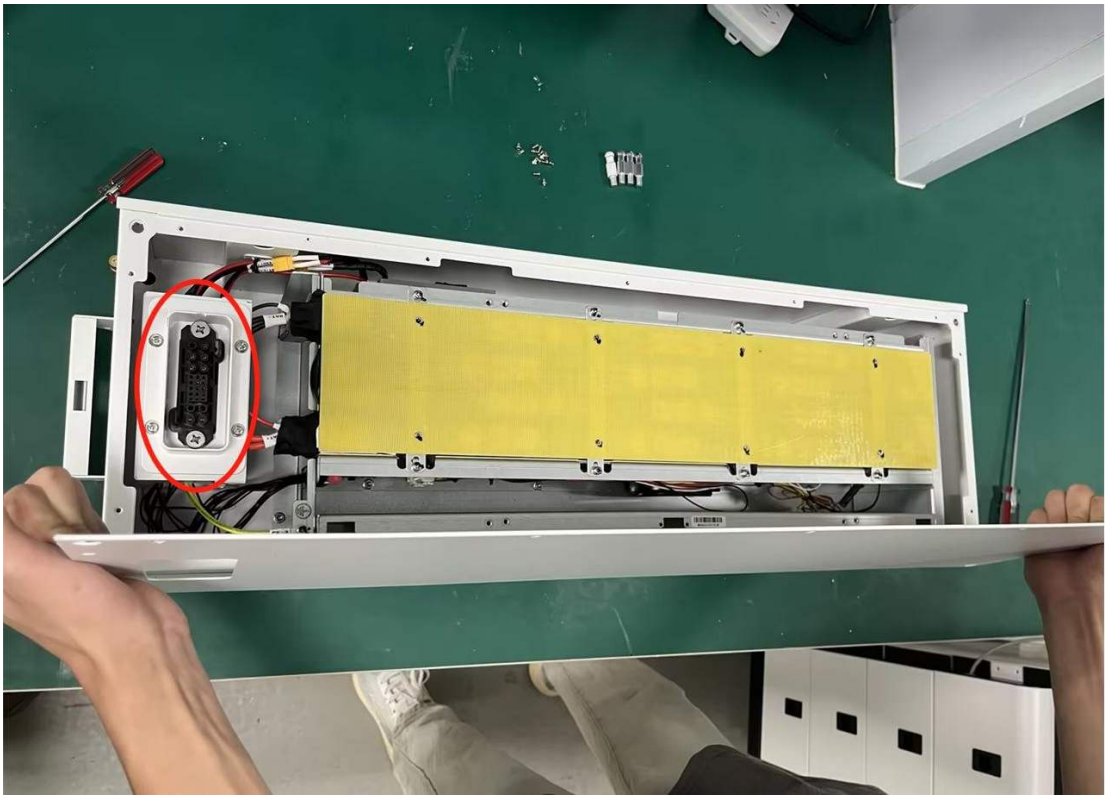
This step facilitates access to the faulty battery module. You may need to remove surrounding fasteners to extract the battery module from the battery pack.



2. Remove the screws securing the battery module using a Phillips screwdriver: Before removing the battery module, unscrew the fasteners holding it in place. These screws may obstruct movement, so loosen them with a Phillips screwdriver.

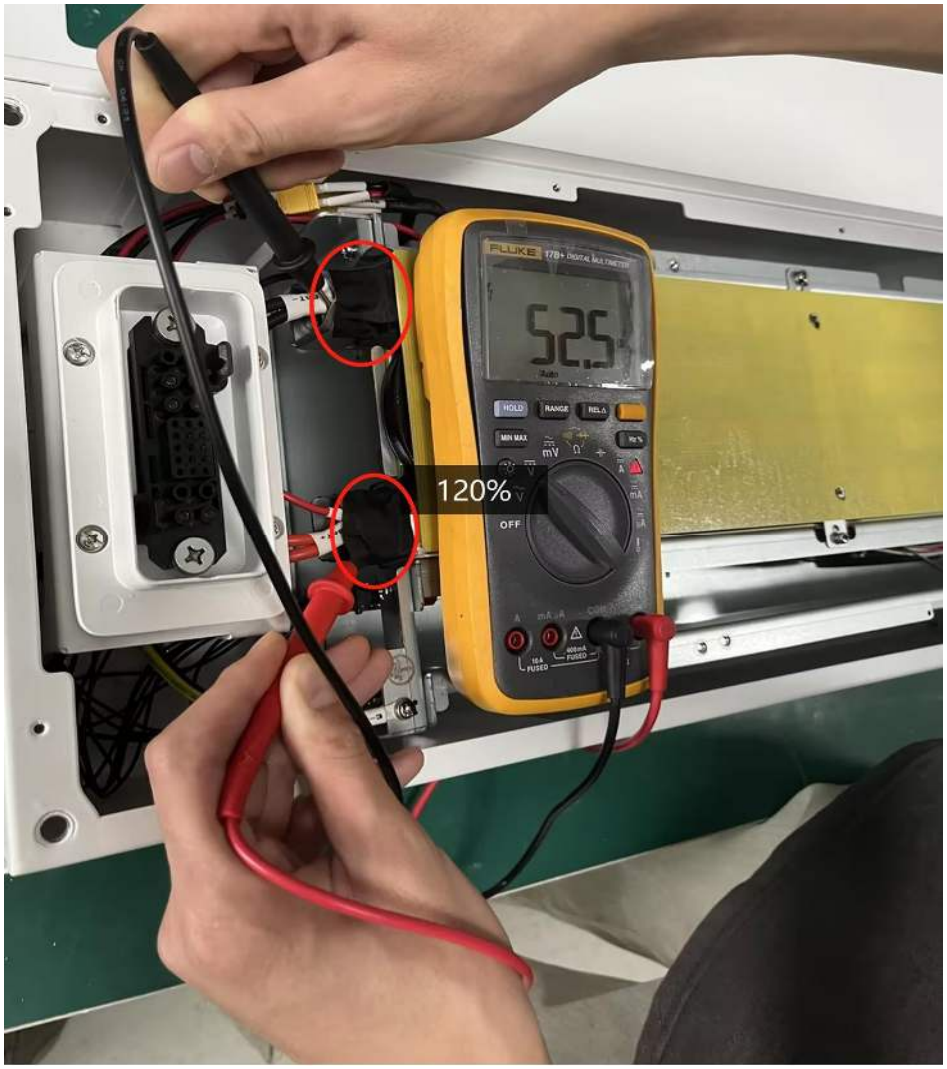


3. Carefully remove the battery top cover based on the module's slot structure: After removing the battery module, gently lift and detach the top cover according to its slot design. Proceed with caution to avoid damaging other components.



4. Power on the multimeter and set it to DC voltage: In this step, the multimeter is used to measure the battery module's voltage. Turn on the multimeter and adjust it to the DC voltage setting to prepare for voltage measurement.

5. Connect the multimeter's red and black probes to the battery cell voltage output terminals: In this step, the red and black probes represent the positive and negative terminals, respectively. Connect them to the battery module's battery cell voltage output terminals to accurately measure the module's voltage.



Note:

If the measured voltage is below **40V**, no further repair operations are necessary.

If the measured voltage falls between **40V** and **51.2V**, proceed to contact for the next step of testing.