

Battery switch trip



Huawei Technologies Co. Ltd.

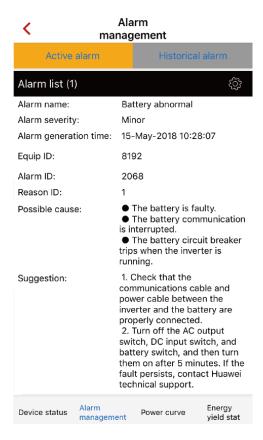
Version	Created by	Date	Remarks
01	Huawei 84081311	10.01.2019	SUN2000L

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Symptom:

The battery switch trips, and the FusionHome app reports the **Battery Abnormal** alarm. Battery abnormal:



Possible Causes:

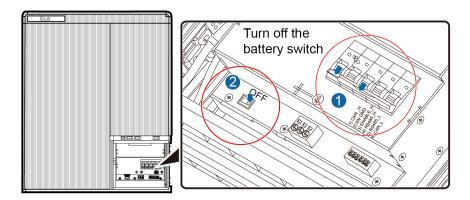
The battery cable is incorrectly connected.

Too many PV modules are configured. The maximum open-circuit voltage of PV modules exceeds 495 V DC.

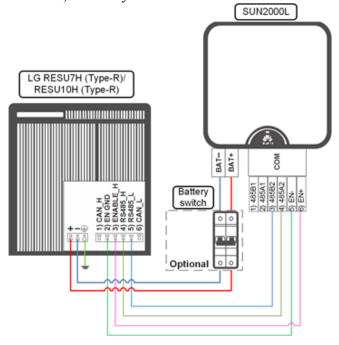
Solution:

Step 1 Turn off the battery switch and Auxiliary Power ON/OFF switch.





- Step 2 Turn off the AC switch and then the DC switch of the SUN2000L.
- **Step 3** Wait for 5 minutes. After the system is completely powered off, check whether the positive and negative battery cables are reversely connected.
- If so, contact your dealer for reconnection.

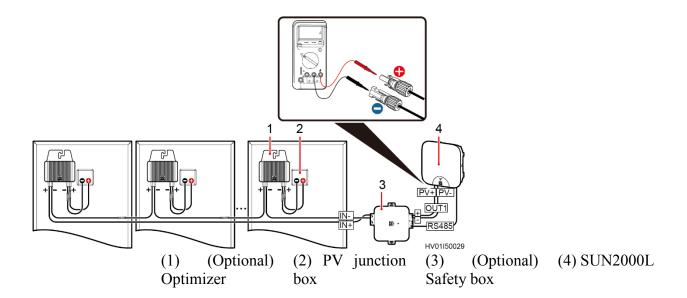


Step 4 Check whether too many PV modules are configured and whether the maximum open-circuit voltage of PV modules exceeds 495 V DC. Perform the following steps:

- 1. Remove the PV wiring terminals connected to the SUN2000L.
- 2. Check that the measurement range of the multi-meter is greater than 600 V DC. Use a millimeter to measure the voltage of the PV wiring terminals.

If the maximum open-circuit voltage exceeds 495 V DC, contact the installation contractor. Otherwise, perform <u>Step 5</u>.

Measuring the maximum open-circuit voltage:



Step 5 If the fault persists after completing the preceding steps, turn off the battery switch and Auxiliary Power ON/OFF switch, and contact LG after-sales service. LG after-sales service:

Area	Contact Info		
HQ (KOR)/Oth er regions	Address	29, Gwahaksaneop-3-ro, Oksan-myeon, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, South Korea	
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	Telephone	+1 888 375 8044	
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	Telephone	+49 6196 5719 660	
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	Telephone	+61 1300 178 064	
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