

DC overcurrent

DC overcurrent causes:

1. The voltage of the photovoltaic cluster of the inverter is abnormal.
2. The arrangement of the photovoltaic modules of the inverter is unreasonable, shading occurs.
3. Poor contact of the DC terminals of the inverter, virtual connection phenomenon.
4. The photovoltaic modules used on site were defective, resulting in abnormal DC supply to the inverter.
5. Poor DC input connection inside the inverter.
6. Internal booster circuit of the inverter does not work.

Suggestions:

1. Disconnect the DC line of the inverter and measure the voltage of the PV series circuit each time with the DC range of the multimeter to see if the voltage is abnormal.
2. Remove the obstacles of the field shielding components, such as cutting branches and twigs.
3. Check the connection of the DC terminals of the inverter and replace the terminals with poor contact.
4. It is recommended to replace or remove defective photovoltaic modules on site.
5. The DC connection inside the inverter is poor, so replace the DC connection terminal.
6. If the DC booster circuit inside the inverter fails, talk to the technicians on site.



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