

Backup Box Troubleshooting Guide



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Backup box circuit breaker tripping could be caused by incorrect wiring configuration, overloaded backup circuitry, high residual current and internal short circuit inside backup box.

To rule out overload issue

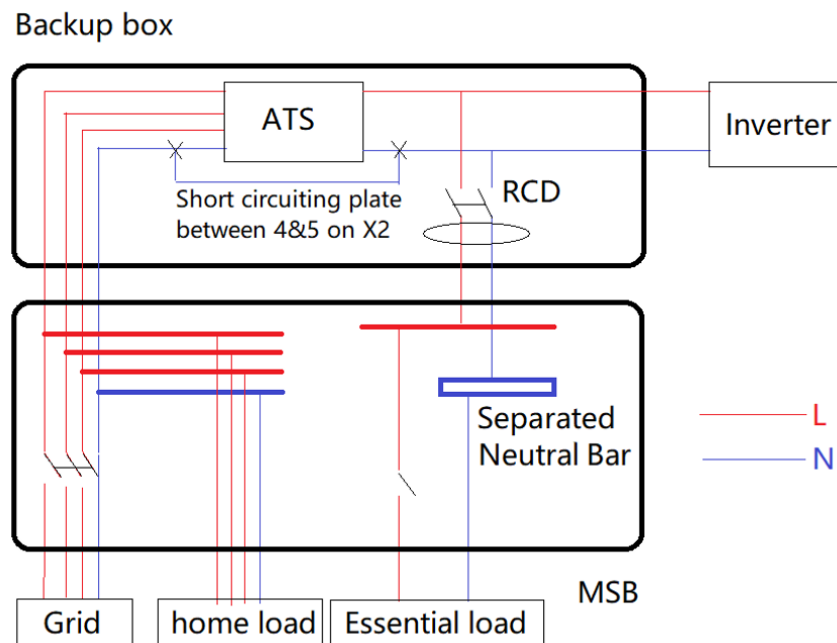
- Ensure essential loads shall not exceed the limit, 2.5kW for one battery module and 5kW for more than one battery module.

To rule out backup box issue

- Remove all connections on X1 terminal of backup box
- Turn on CB/RCD inside backup box
- Ideally CB/RCD will not trip over, please contact Huawei team if it does.

To rule out wiring issue

- Essential loads should be connected to a separated neutral bar
- Separated neutral bar, UNLIKE other home loads, must NOT be connected to Neutral link in MSB



To rule out exceeded residual current issue

- If residual current from essential loads is greater than 30mA, RCB will trip over