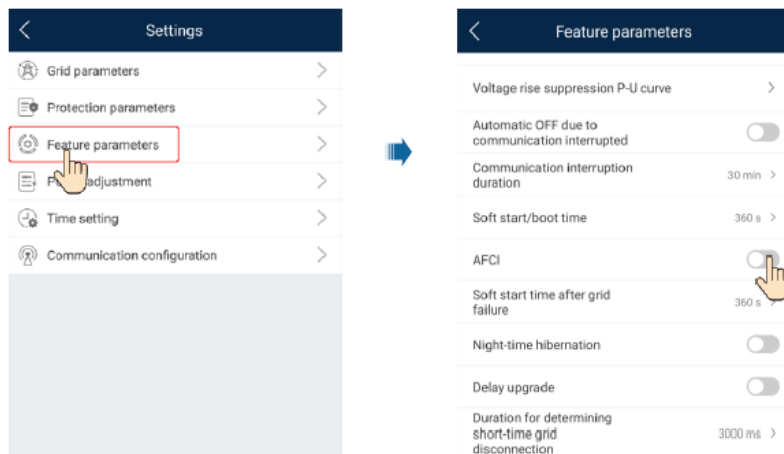


## 3.9 AFCI

### Description

If PV modules or cables are incorrectly connected or damaged, electric arcs may be generated, which may cause fire. Huawei inverters provide unique arc detection in compliance with UL1699B-2018 to ensure the safety of users' lives and property.

This function is enabled by default. The inverter automatically detects arc faults. To disable this function, log in to the FusionSolar app, enter the **Device commissioning** screen, choose **Settings > Feature parameters**, and disable **AFCI**.



### Clearing alarms

The AFCI function involves the DC arc fault alarm.

The inverter has the AFCI alarm automatic clearance mechanism. If an alarm is triggered for less than five times within 24 hours, the inverter automatically clears the alarm. If the alarm is triggered for more than five times within 24 hours, the inverter locks for protection. You need to manually clear the alarm on the inverter so that it can work properly.

Log in to the FusionSolar app and choose **My > Device commissioning**. On the **Device commissioning** screen, connect and log in to the inverter that generates the AFCI alarm, tap **Alarm management**, and tap **Clear** on the right of the DC arc fault alarm to clear the alarm.

