

## Grid Error Code Explanation for End Users

### Explanation:

The Inverter is the control centre for your PV solar system.

Because the Inverter is connected to the Electricity Grid, it is a requirement that it conforms to the National Grid standards set out in AS/NZS 4777, and in some cases, local regulations as well. Sungrow Inverters comply with all Australian standards.

These 'Grid Parameters' dictate the minimum and maximum voltage and frequencies that the inverter is allowed to operate within.

If the Street voltage exceeds those pre-determined limits for example, under the standards, the inverter must shut down and isolate from the grid for at least 60 seconds, or until the supply returns to normal operating parameters.

### It will also alert you by displaying an error code.

This is your inverter working correctly and does not indicate an inverter fault.

Example Grid Fault codes

Code	Specification
002	Grid Over-Voltage
010	Islanding – No Grid Voltage / Power cut.
014	10 minute Grid Over-Voltage

The Network / Grid operators have issued a directive that if you have experienced any of the above, you should not make any adjustments to your inverter settings but contact them or your retailer directly, and report the problem to them for investigation.