Sungrow Australia Group Pty. Ltd. | 1800 SUNGROW (786 476)
service@sungrowpower.com.au | www.sungrowpower.com.au

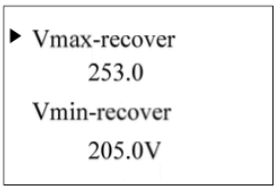
Fault 014 10 minutes overvoltage

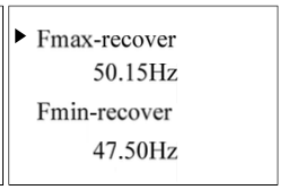
The new standard introduced limits for sustained operation (refer to AS/NZS 4777.2:2015, 7.5.2 sustained operation for voltage variations). The average voltage for a 10 min period is set to 255 V by default (as specified by the Standard). **This means that when the average voltage for a 10 min period exceeds 255 V, the inverters will be automatically tripped and the corresponding status on LCD screen is "Fault 014".** The customer may increase the voltage threshold **up to 258 V** (the upper limit specified by the Standard). However, if the problem persists after increasing the voltage threshold, we recommend that the customer may contact the local network operator to inspect the line voltage.

To modify the setting, on the inverter LCD, perform the following: Main screen > Navigate to ***Settings*** > Enter ***111*** > Select ***Prot. Param*** > Adjust ***10 Min Over Vtg*** to ***258.0 V*** > Save the setting (see the below photo)

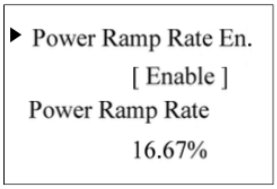
Main Screen (Press ENT)→Menu (Press ▼×2)→Settings (Press ENT)→Input password 111 (Press ENT)→Settings (Press ▼×9)→Prot. Param (Press ENT)

When the grid voltage or frequency reaches the recovery value, the corresponding fault code displayed on the LCD will be cleared and the inverter can start operating.





Power Ramp Rate: the ramp up/down rate of power variation.
The power rate limit mode is enabled by default.
The default set-point is 16.67 % of rated power per minute.
Set to *Disable* to turn off the function.



The inverter will automatically disconnect from the grid within 3 s when the average voltage for a 10 min period exceeds the set-point of *10 Min Over Vtg*.
Set to *Disable* to turn off the function.