

CX Range Power Quality Response Mode Setting (Remote)

Disclaimer

The material in this document has been prepared by Sungrow Australia Group Pty. Ltd. ABN 76 168 258 679 and is intended as a guideline to assist solar installers for troubleshooting. It is not a statement or advice on any of the Electrical or Solar Industry standards or guidelines. Please observe all OH&S regulations when working on Sungrow equipment.

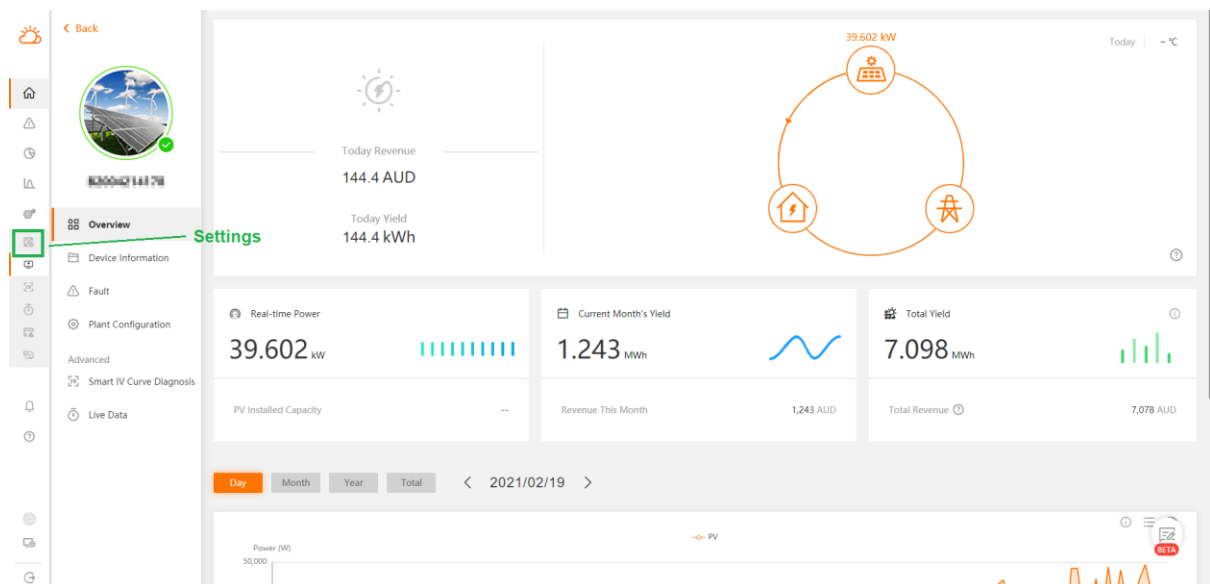
Settings:

When setting the Volt-Var, Volt-Watt or 10-min Overvoltage in the Sungrow CX range inverters, this can easily be done either in the Local Access mode of the App, or remotely via the Desktop iSolarCloud Portal.

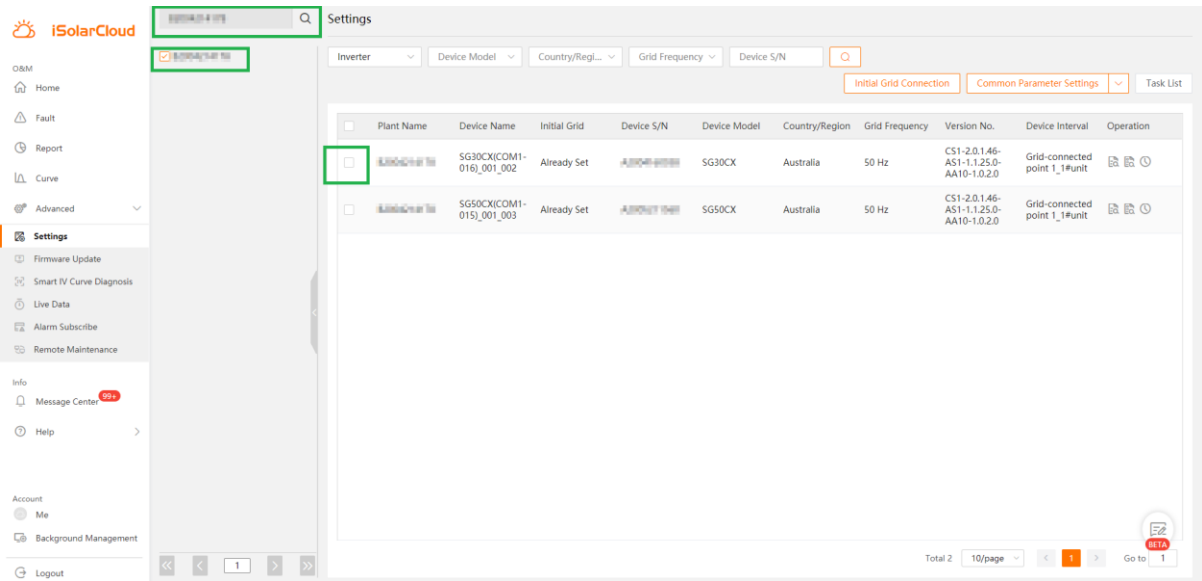
The following guide explains how to do this via the Desktop method.

*The Volt-Var settings are based on a % model and is referred to as “Power Regulation at Grid Overvoltage”.

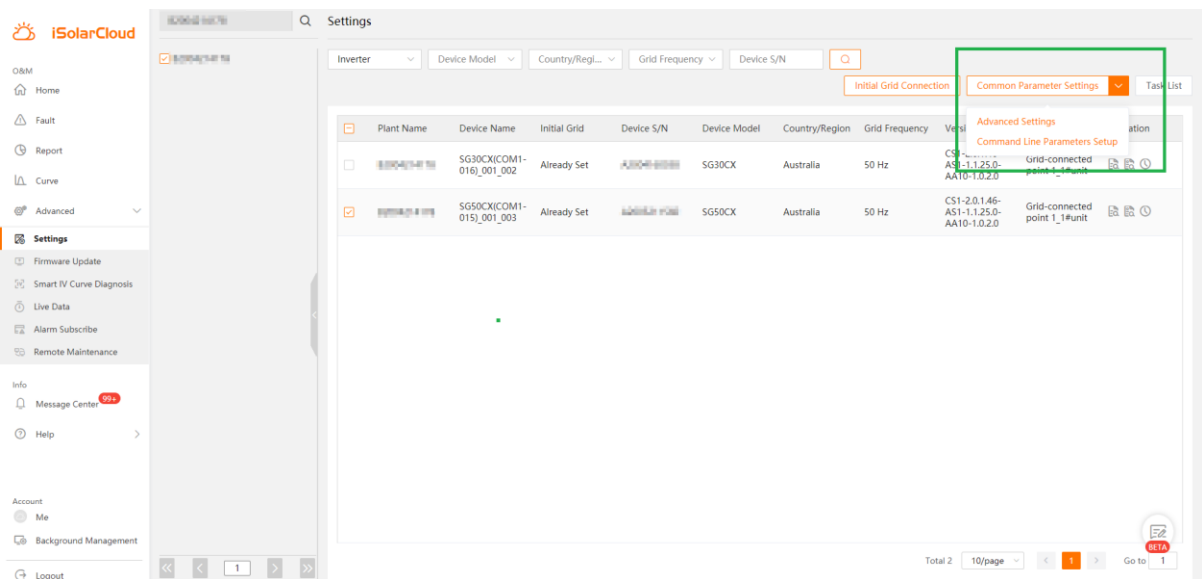
Log into the plant and click the ‘Settings Icon from the menu on the left.



Put the plant name into the search window, and tick the checkbox for the plant, and the inverter to be adjusted



Click the dropdown box and select 'Advanced Settings'

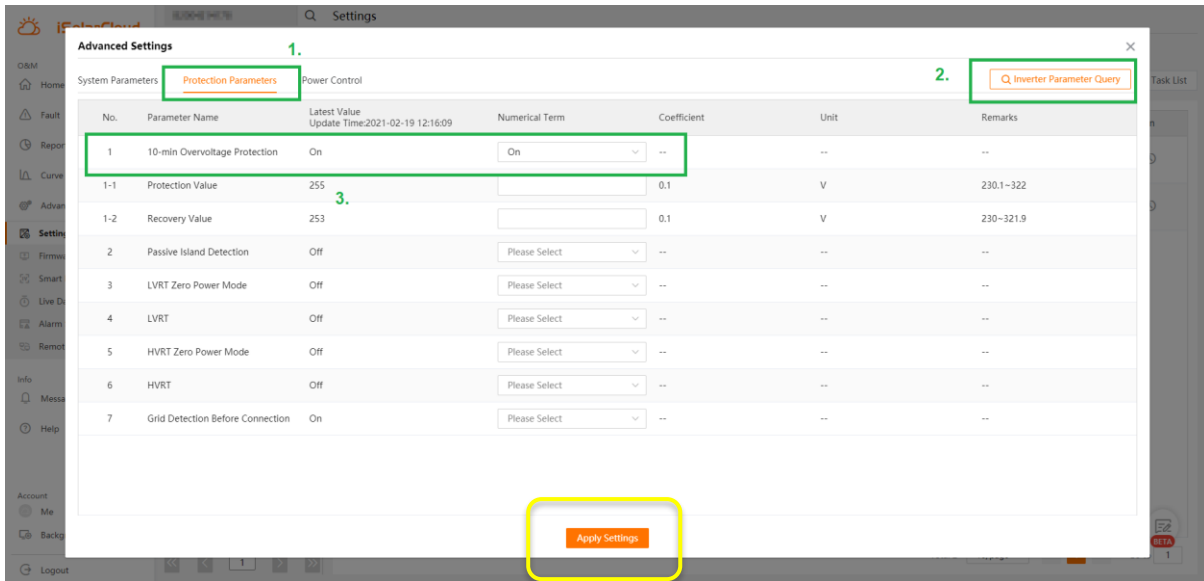


10-Min Overvoltage:

Select the 'Protection Parameters' tab (1).

Click 'Inverter Parameter Enquiry' (2) (will take a couple of minutes to download), and if necessary, change the value by using the drop-down (3).

Apply Settings.



Volt-Watt (Power Regulation at Grid Overvoltage) Setting:

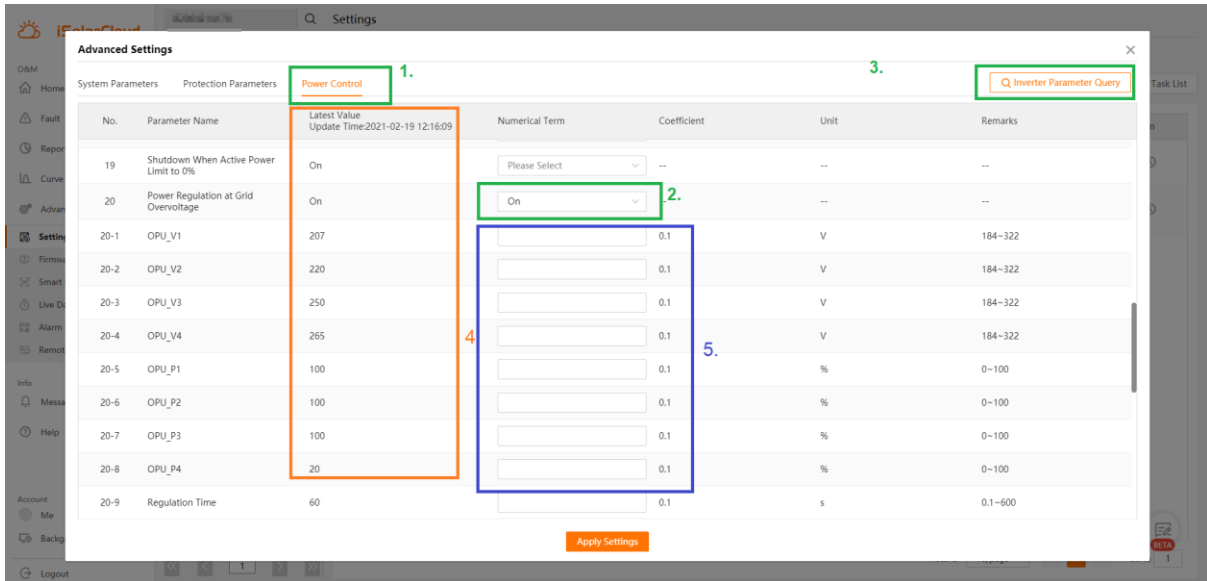
Click on the 'Power Control' (1) Tab.

At Line 20, select 'ON' which will open a sub menu field selection (2).

Run parameter enquiry (3).

Check the current values (4) and enter new values (5) if necessary.

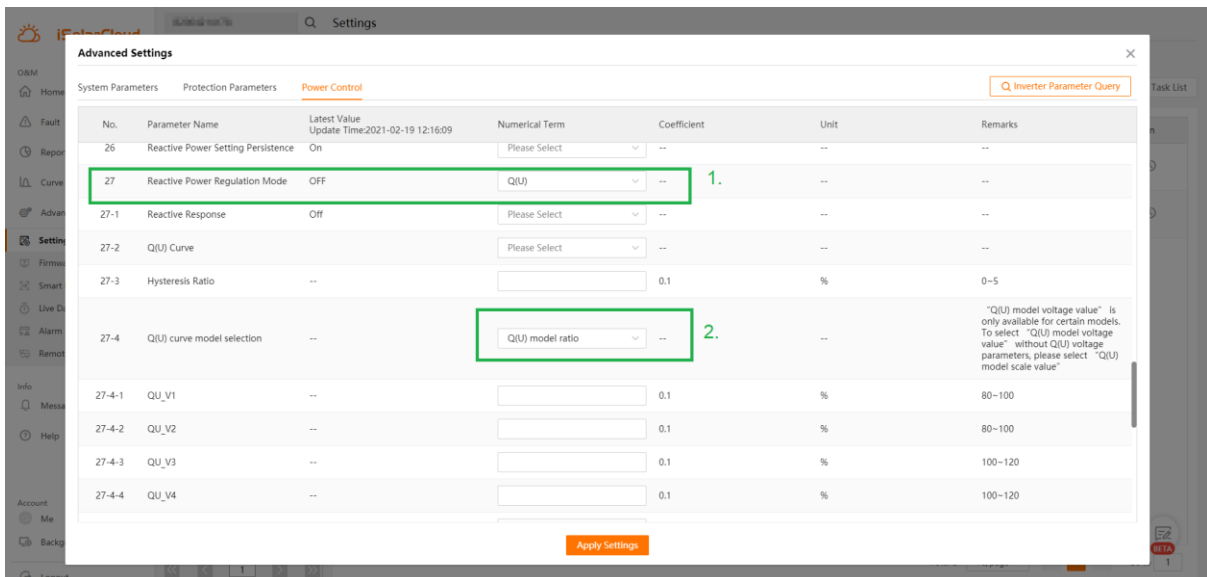
Apply settings and refresh with parameter enquiry



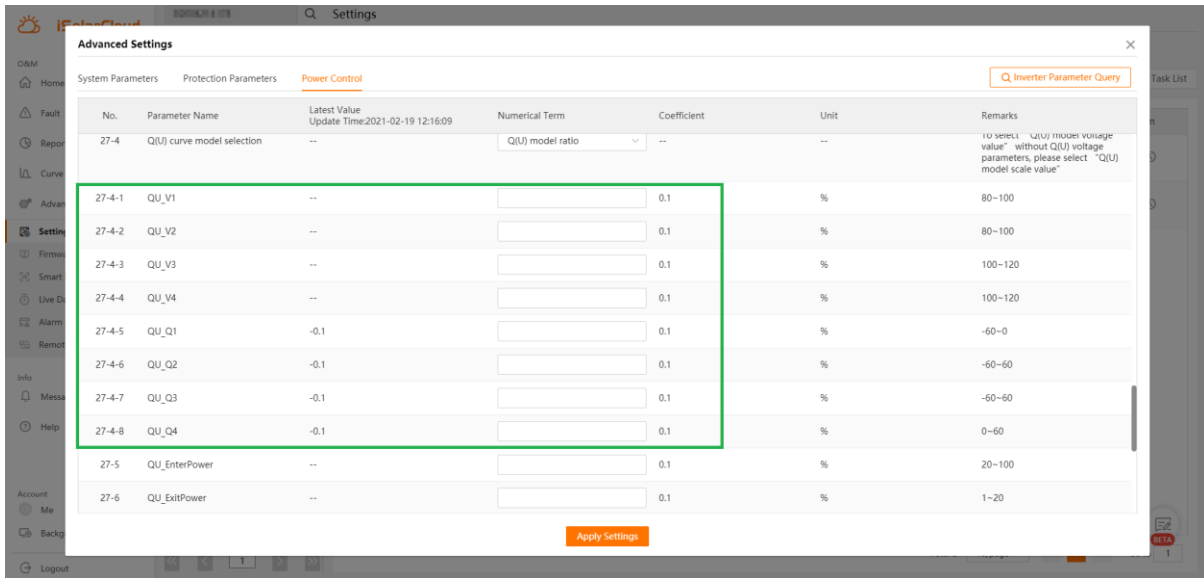
Volt-Var:

Scroll down to line 27 and select Q(u) from the dropdown (1)

Go to line 27-4 and select Q(u) model ratio (2)



Enter the % values into lines 27-4-1 to 27-4-8 and 'Apply Settings'



*Please note that Q1 is a -ve and Q4 is a +ve setting.

Run parameter enquiry again to refresh and confirm settings

Sungrow has a [knowledge base on our web page](#) with links to documentation and videos on all technical aspects of our entire range.

If the issue persists after following above procedures, please take photos testing on site and contact Sungrow Service Department on 1800 786 476 or email to service@sungrowpower.com.au, Monday- Friday 9am - 5pm (AEDT).