



Power Ramp Up Setting Procedure – Solis Grid Tied Inverters

V1.0

29/07/2022

01 Setting Procedure for Power Ramp Up on
3 Phase Grid Tied Inverters

02 Procedure Overview

03 Quick Reference Guide

04 Detailed Reference Guide

02. Overview:

NRS097-2 specifies in Annex G – G1.3 that when connecting a generation plant with a generating capacity of 100kW or more to the grid, a power ramp up of no more than 10% of the active output power is required.

This would include all Solis 110kW inverters or any other combination of Solis inverters connected in parallel that are equal to or greater than 100kW of generation capacity.

The procedure below will explain how to adjust the Solis grid-tied inverters to achieve this requirement.

NRS 097-2-1:2017

G.1 Generation management network security management

G.1.3 Embedded generation systems with a power output capability of 100 kVA or more shall be able to control the output power in steps of 10 % or less of the rated active power.

Inverter Power Ramp Rate Setting Procedure:

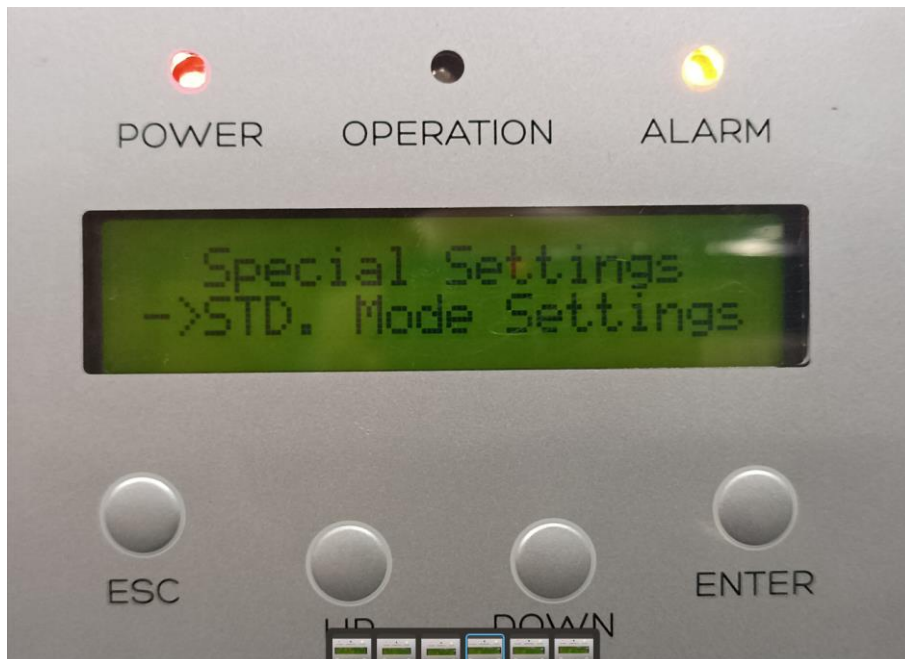
03. Quick Reference Guide:

1. Enter into the inverters Advanced Settings using password 0 0 1 0
2. Scroll down and select STD. Mode Settings
3. Enter
4. Select Power Rate Limit
5. Select Power Rate: 600%
6. Use up arrow until 10%
7. Press ESC X2
8. Select Save & Send

Inverter Power Ramp Rate Setting Procedure:

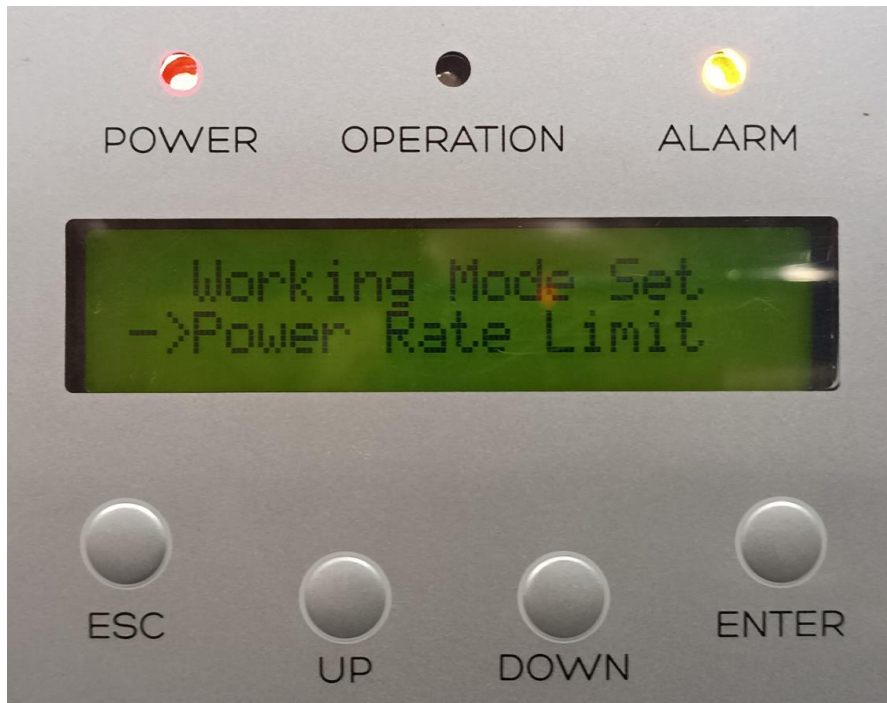
04. Detailed Reference Guide:

1. Enter into the inverters **Advanced Settings** and enter password **0 0 1 0**
2. Scroll down and enter into menu **STD. Mode Settings**



Inverter Power Ramp Rate Setting Procedure:

3. Enter into menu **Power Rate Limit**



Inverter Power Ramp Rate Setting Procedure:

4. Select the menu item **Power Rate: 600%**



Inverter Power Ramp Rate Setting Procedure:

5. Use the inverters up arrow until 10% is selected



Inverter Power Ramp Rate Setting Procedure:

6. Press the inverters ESC button twice (X2)
7. Select Save & Send

The inverters power ramp up settings have now been adjusted and saved. Test if the inverter slowly ramps up to full power.



THANKS

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