

# Inverter prompts that grid connection is limited

How to set grid connection with limited power?

You are advised to choose Settings > Grid connection with limited power and enable the grid connection with limited power function. To enable this function, you need to set power meter, inverter, and grid connection with limited power parameters. This section describes how to set grid connection with limited power parameters.

Can maximum inverter power limit grid feed-in?

The values of „maximum inverter power" have always positive sign. Therefore they only limit the charging values for grid setpoint. They cannot limit the negative values for grid feed in. Using Grid feed-in -> Limit system feed-in instead, also cannot solve this problem.

How does a grid-tie inverter work?

But in most of the time, it will supplement by grid. The „limiter" looks at the load and then tells the grid-tie inverter to reduce its output to equal the load. As they explain, the purpose of the „limiter" is to get around a smart meter (which charges you for power you export to the grid), by greatly reducing the power sent to the grid.

Does maximum inverter power go back if grid setpoint is high?

If „maximum inverter power" goes back to a higher value, the grid feed in also goes back if grid setpoint is that high. Nevertheless, I expect same behaviour for the "Limit system feed in". This would allow high inverter power, high self consumption but only low grid feed in.

Can an inverter feed small amounts of active power into the grid?

If, in the event of a 0% or 0 W specification, the inverter is not permitted to feed small amounts of active power into the utility grid, select the entry Yes in the drop-down list Grid disconnection for 0% active power setting.

How do I set active power limit at a grid connection point?

In the field Set active power limit at grid connection point, enter the value to which the active power at the point of interconnection is to be limited. The value must be set to 0 for zero power output. Set Active power setpoint to [On].

Installation Note for Three Phase Inverters If power control is enabled, the order of connection of grid lines to the inverter is important. A 120-degree phase difference between L1 and L2 and ...

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