

Conformity Declaration

Sungrow Power Supply Co. hereby declares compliance with the operating regulations to allow connection and operation of solar photovoltaic plants in the SIN national interconnected system for Sungrow inverter model SG350HX. Specifically with the requirements of CREG resolution 060 of 2019, in particular those related to the norm IEC TS 62910:2015 which includes:

1. LVRT and HVRT curves configuration.
2. Prioritization of reactive current injection so that it reaches 90% of the expected change in less than 50ms, with a tolerance of 20%, in the event of voltage deviations exceeding the operational limits of nominal voltage at the generation plant. The 50ms accounts for the time needed to detect the fault.
3. Limitation of additional reactive power contribution to 100% of the nominal current of the generator.
4. Keeping of additional reactive power contribution whenever the voltage is outside the normal operating range.
5. Keeping of reactive power for 500ms after the voltage enters the dead band, maintaining an additional contribution proportional to the voltage deviation from the reference value(1 p.u).
6. Gain k is configurable in each inverter and between 0 to 10.
7. Adjustment of the dead band in the range between (+-2 kV).

Best Regards,



Bale Yang

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