

Wels, October.24.2023

OVERSIZING FRONIUS SYMO 3.0-3 – 8.2-3

Fronius International GmbH

Hereby confirms that the inverters

/ Fronius Symo 3.0-3-M up to Fronius Symo 8.2-3-M

/ Fronius Symo 3.0-3-S up to Fronius Symo 4.5-3-S

can be oversized 100% above the rated nameplate capacity without voiding the manufacturer's warranty, provided that

/ String configuration adheres to the voltage and current window guidelines published in the operation manual

/ The open circuit voltage of the PV generator does not exceed the maximum input voltage of the inverter under any circumstances (temperature, irradiance)

/ The maximum DC array short circuit current of the PV generator must not exceed the maximum module array short circuit current ($I_{SC\ PV}$) of the inverter. $I_{SC\ PV}$ according to IEC 60364-7-712, NEC 2020, AS/NZS 5033:2021 is defined as: $I_{SC\ PV} = I_{SC\ max} \geq I_{SC\ (STC)} \times 1.25$

For more detailed information, please see the technical datasheets.

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