

Wels, October.24.2023

OVERSIZING FRONIUS SYMO 10.0-3 – 24.0-3

Fronius International GmbH

Hereby confirms that the inverters

/ Fronius Symo 10.0-3 208-240 up to Fronius Symo 12.0-3 208-240

/ Fronius Symo 10.0-3 480 up to Fronius Symo 24.0-3 480

can be oversized 50% 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.

Fronius International GmbH

Business Unit Solar Energy

Froniusplatz 1

4600 Wels



Philipp Rechberger

Head of System Technology