



Wels, October.24.2023

OVERSIZING FRONIUS SYMO ADVANCED 10.0-3-M – 20.0-3-M

Fronius International GmbH

Hereby confirms that the inverters

/ Fronius Symo Advanced 10.0-3-M up to Fronius Symo Advanced 20.0-3-M

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