Fronius
SHIFTING THE LIMITS

Wels, April 14th 2016

OVERSIZING FRONIUS PRIMO 10.0-1 208-240 – 15.0-1 208-240

Fronius International GmbH

hereby confirms that the inverters

/ **Fronius Primo 10.0-1 208-240**
Fronius Primo 11.4-1 208-240
Fronius Primo 12.5-1 208-240
Fronius Primo 15.0-1 208-240

can be oversized 50% above the rated nameplate capacity without voiding the manufacturer's warranty, always provided that

/ The string configuration adheres to the voltage and current window guidelines published in the operation manual.

/ The open circuit voltage of a module string does not exceed the maximum input voltage of the inverter under any circumstances (temperature, irradiance). Excess voltage above this threshold will damage the inverter and negate the standard terms of warranty.

/ The maximum DC array short circuit current shall not exceed 1.5 times the maximum usable input currents (MPPT 1 / MPPT 2) or 1.5 times the total maximum DC current (MPPT 1 + MPPT 2) of the inverter.

/ Reverse polarity of solar module strings can lead to an unacceptable overload condition. This can cause a strong arc, which can lead to an inverter fire. When using string fuses or combiner DC bus bars, always make sure that the polarity is correct before connecting the individual solar module strings.

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