

Wels, October.24.2023

## OVERSIZING FRONIUS TAURO ECO 50-3-D – 100-3-D

### **Fronius International GmbH**

Hereby confirms that the inverters

**/ Fronius Tauro ECO 50-3-D**

**/ Fronius Tauro ECO 99-3-D**

**/ Fronius Tauro ECO 100-3-D**

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.

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