

## Fronius Export Limitation (Fronius GEN24 & Tauro)

### **Fronius International GmbH**

hereby confirms that inverters

- Fronius Symo GEN24 3.0 – 10.0 Plus
- Fronius Symo GEN24 3.0 – 10.0
- Fronius Primo GEN24 3.0 – 6.0 Plus
- Fronius Primo GEN24 3.0 – 6.0
- Fronius Tauro 50-3-D/P
- Fronius Tauro ECO 50-3-D/P
- Fronius Tauro ECO 99-3-D/P
- Fronius Tauro ECO 100-3-D/P

can be used together with

- Fronius Smart Meter 63A-1 or
- Fronius Smart Meter 63A-3 or
- Fronius Smart Meter 50kA-3 or
- Fronius Smart Meter TS 100A-1 or
- Fronius Smart Meter TS 65A-3 or
- Fronius Smart Meter TS 5kA or
- Fronius Smart Meter US 240V or
- Fronius Smart Meter US 480V or
- Fronius Smart Meter US 600V

to limit the export power to the grid to a predefined value between 0% and 100% of the inverter power. (Note: Please check if GEN24 & Tauro inverters are updated to the latest available firmware)

- The predefined value has to be set within a password protected menu.
- Inverter is connected to the Fronius Smart Meter via hard wired Modbus RTU (RS-485). (The Fronius Export Limitation does not rely on any wireless communication links.)

- When the export limitations scheme operates it will reduce the exported Apparent Power to a value that is equal to, or less than, the Maximum Export Capacity within 5s. This performance requirement is fulfilled with any step change in load within the controlled system
- Granular monitoring data can be made available upon request. Instantaneous monitoring is available via a Modbus interface as well as via the Solar-API (JSON interface). The 5 minute average log data are available via an online web portal Fronius Solar.Web,
- If the Fronius Inverter does not receive signals from the Fronius Smart Meter (e.g. because of a defect in Smart Meter, or a disconnection of the Modbus Communication) the inverter immediately limits its output power to a maximum of the predefined value. In case of an AC power loss at the inverter, the inverter stops operation.

**Note:** The configuration with several inverters is not possible with Fronius GEN24 & Tauro inverters.

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