

## Fronius Export Limitation (GEN24, Verto, Tauro)

### **Fronius International GmbH**

hereby confirms that inverters

- Fronius Symo GEN24 3.0 – 12.0
- Fronius Primo GEN24 3.0 – 10.0
- Fronius Verto 25.0 – 33.3
- 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

(Plus and SC Versions included)

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 WR 100-600 V-3 or
- Fronius Smart Meter IP

to limit the export power to the grid to a predefined value between 0% and 100% of the inverter power. (Note: Please updated inverters 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.  
(For Smart Meter IP either Modbus RTU or Modbus TCP).

- 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 few seconds.
- 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.

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