Manufacturer's Declaration

Transformerless Inverters on IT Systems, Delta IT Systems or Split-Phase Systems

Taking into consideration the points mentioned below, all PV inverters listed in the table are suitable for use in IT systems, Delta IT systems or split-phase systems.

- Via the SUNNYWEBBOX with RS485 interface:
  The parameter "PEOpnMon" must be set from **ON** to **OFF**.
- Via the WEBBOX-BT-20 with *Bluetooth*. For setting the parameter, go to:
  Settings > Grid Monitoring > Country Standard > PE Connection Monitoring.
  The parameter must be set from **ON** to **OFF**.
- Via Sunny Explorer with *Bluetooth* interface or alternatively via Speedwire. For setting the parameter, go to:
  Settings > Grid Monitoring > Country Standard > PE Connection Monitoring.
  The parameter must be set from **ON** to **OFF**.

Notice: In order to ensure safety, it is mandatory to connect a second, separate protective conductor to the earthing screw of the inverter.

Information: You can find an overview of the transformerless inverters that can be operated at the grids mentioned above in the Technical Information "Grid Configurations" available in the download area at www.sma.de/en.

SUNNY BOY
Transformerless
SB 3000TL-21
SB 3600TL-21
SB 4000TL-21
SB 5000TL-21
SB 2500TLST-21
SB 3000TLST-21

Niestetal, 13 January 2013
SMA Solar Technology AG

ppa. Frank Greizer

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Niestetal, 13 January 2013
SMA Solar Technology AG

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(Director MP T PMGPS)

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