

# Declaration of conformity

## Integrated all-current sensitive Residual Current Monitoring Unit (RCMU)

for the grid-connected photovoltaic inverters

**SolarMax 2000S / 3000S / 4200S / 6000S**

**SolarMax 20S / 35S**

**SolarMax 8MT2**

**SolarMax 10MT / 10MT2**

**SolarMax 13MT / 13MT2 / 13MT3**

**SolarMax 15MT / 15MT2 / 15MT3**

made by

**Sputnik Engineering AG**

**Länggasse 85**

**CH-2504 Biel/Bienne**

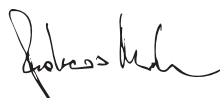
We hereby confirm that the devices mentioned above are equipped with an integrated all-current sensitive residual current monitoring unit (RCMU). The RCMU detects DC and AC leakage currents against earth potential occurring between the PV generator and the DC input of the inverter.

The function of the RCMU was tested and certified by the professional association ETEM within the framework of the inspection in accordance with DIN V VDE V 0126-1-1. If residual current jumps of  $\geq 30\text{mA}$  occur, the inverter will disconnect from the grid by means of two independent, series-connected switches. Furthermore, the RCMU is designed redundantly and disconnects the inverter from the grid immediately in the case of a malfunction.

The Declaration of Conformity loses its validity if the product is misused or modified without proper authorisation.

Biel/Bienne, 11.03.2013

**Sputnik Engineering AG**



Andreas Mader