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VDEW Declaration of Conformity

Product description: on-grid inverter for photovoltaic systems

Type designation: SOLPLUS 25 (nominal power 2,5 kw)
 SOLPLUS 35 (nominal power 3,8 kw)
 SOLPLUS 50 (nominal power 4,6 kw)
 SOLPLUS 55 (nominal power 5,5 kw)

We confirm that the devices stated above are compliant with the VDEW Directive "self generation systems in low voltage networks", 4. Edition 2001.

The grid monitoring complies to DIN V VDE V 0126-1-1: 2006-02.

The inverters are equipped with a one-phase grid monitoring. The inverters are not off-grid capable. Each inverter is individually controlled for compliance of one-phase voltage increase protection and voltage decrease protection.

Inverter type	AC-nominal output	AC-max. output apparent power	$S_{\max 10\min}/S_n$
SOLPLUS 25	2500 W	2850 W	114%
SOLPLUS 35	3800 W	4000 W	105%
SOLPLUS 50	4600 W	5000 W	110%
SOLPLUS 55	5500 W	5700 W	105%

Advice to the inverter SOLPLUS 55:

The inverter SOLPLUS 55 may only be used if feeding unbalance in the three-phase grid is smaller than 4.6 kVA. Use of the SOLPLUS 55 requires the Master-Slave-Data-Connection (MSDV). The installation of this MSDV is described in a separate document.

Advice to the inverters SOLPLUS 25-55:

The installation instructions are to be observed.

In any case of arbitrary change of the supplied devices or nonobservance of instructions the validity of this declaration of Conformity is void.

Solutronic GmbH

Großbettlingen, 27.10.2009



Wieland Scheuerle
 Head of product development

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