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Amtsgericht (District court) Kassel HRB (registration number) 3972
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Managing Board: Ulrich Hadding, Dr.-Ing. Jürgen Reinert

Manufacturer's Declaration

Compliance with the maximum permissible feed-in power at the grid-connection point

SMA Solar Technology AG hereby confirms that the SMA inverters Sunny Boy Storage 2.5, 3.7, 5.0, 6.0 (SBS2.5-1VL-10, SBS3.7-10, SBS5.0-10, SBS6.0-10) and Sunny Island 4.4M, 6.0H, 8.0H (SI4.4M-13, SI6.0H-13, SI8.0H-13) meet the following requirements during self-consumption operation at the utility grid in combination with an SMA Energy Meter (EMETER-20) or with a Sunny Home Manager 2.0 (HM-20):

When connected to a single-phase utility grid:

It is technically ensured that the above-mentioned battery inverters do not feed into the utility grid.

When connected to a three-phase utility grid:

It is technically ensured that the above-mentioned battery inverters do not feed into the utility grid in the sum of all line conductors (energy flow). If the max. unbalanced load between two line conductors is limited to e.g. 3 kVA, 3.6 kVA or 4.6 kVA by the distribution grid operator, and is parameterized correctly on the device, it is technically ensured that this max. unbalanced load is observed and not exceeded by the above-mentioned battery inverters. Condition for this is that the battery inverters are installed on the same phase conductor as a single-phase generating plant.

Max. rated power (inverter active power) in grid-parallel operation:

Should one of the above-mentioned inverters have a higher rated power (inverter active power) than permitted for the existing distribution grid, then it can be technically ensured by way of parameterization that the output power of the inverters is always safely limited to e.g. 3 kVA, 3.6 kVA or 4.6 kVA in grid-parallel operation.

To prevent grid feed-in, the energy flow at the grid-connection point is measured by an energy meter (sensor of the storage system). This data is transmitted to the inverter. SMA Solar Technology AG confirms that the sensor of the storage system has undergone a functional test. The proper functioning of the sensor for the storage system is also confirmed.

Condition for the individual functions is that the system has been set up, properly adjusted and commissioned in accordance with the installation manual. Unfortunately, deviations for up to ten seconds and minimal permanent deviations within the scope of the measurement accuracy of the devices cannot be ruled out 100% due to technical reasons.

System name / **Component**	**Sunny Boy Storage or Sunny Island in the SMA Flexible Storage System**
Inverters	SBS2.5-1 VL-10 / SBS3.7-10 / SBS5.0-10 / SBS6.0-10 / SI4.4M-13 / SI6.0H-13 / SI8.0H-13
Communication / Energy meter	SMA Energy Meter / Sunny Home Manager 2.0

Niestetal, 2019-11-15
SMA Solar Technology AG

i.V. Sven Bremicker

i.V. Sven Bremicker
Head of Technology Development Center