



## EC Declaration of Conformity (valid until April 19, 2016)

Within the meaning of the EU directives

- **Electromagnetic compatibility 2004/108/EC (EMC)**
- **Low Voltage Directive 2006/95/EC (LVD)**

The products stated below have been developed, constructed and manufactured in accordance with the above mentioned EC directives.  
 The applied harmonized standards are listed in the following table.

	<b>Sunny Boy</b>	
	SB 3600SE-10	SB 5000SE-10
<b>Electromagnetic interference</b>		
<b>(EMC directive, Article 5 – Annex I.1.a)</b>		
EN 61000-6-3:2007 + A1:2011	✓	✓
EN 61000-6-4:2007 + A1:2011	✓	✓
<b>Electromagnetic interference emissions</b>		
<b>(EMC directive, Article 5 – Annex I.1.a)</b>		
EN 61000-3-3:2013	✓	x
EN 61000-3-2:2014	✓	x
EN 61000-3-11:2000	x	✓
EN 61000-3-12:2011	x	✓
<b>Interference immunity</b>		
<b>(EMC directive, Article 5 – Annex I.1.b)</b>		
EN 61000-6-1:2007	✓	✓
EN 61000-6-2:2005	✓	✓
<b>Device safety</b>		
<b>(LVD Article 2 – Annex I)</b>		
EN 62109-1:2010	✓	✓
EN 62109-2:2011	✓	✓
<b>Miscellaneous</b>		
VDE-ST-Li-ESS-001:2013/03	✓	✓
UN 38.3 5th Edition, Amendment 1	✓	✓
✓	Standard applicable	
x	Standard not applicable	

The last two digits of the year in which the CE marking was affixed: 13

This declaration is also valid for products with the following article designations: SB 3600SE-10-AT, SB 5000SE-10-AT

### Information:

The declaration of conformity is issued under the sole responsibility of the manufacturer.  
 Without an explicit written confirmation by SMA Solar Technology AG, this declaration of conformity is no longer valid if the product is modified, supplemented or changed in any other way and if components which are not part of the SMA accessory, are integrated in the product, as well as if the product is used or installed improperly.

Niestetal, 2016-04-18

**SMA Solar Technology AG**

ppa.

ppa. Dr.-Ing. Johannes Kneip  
 EVP Development Center



## EU Declaration of Conformity (valid from April 20, 2016)

Within the meaning of the EU directives

- **Electromagnetic compatibility 2014/30/EU (L 96/79-106, March 29, 2014) (EMC)**
- **Low Voltage Directive 2014/35/EU (L 96/357-374, March 29, 2014) (LVD)**



The subject matter of the declaration described below meet the requirements relating to Union harmonization legislation.  
 The applied harmonized standards are listed in the following table.

	Sunny Boy	
	SB 3600SE-10	SB 5000SE-10
<b>Electromagnetic interference</b>		
<b>(EMC directive, Article 6 – Annex I.1.a)</b>		
EN 61000-6-3:2007 + A1:2011	✓	✓
EN 61000-6-4:2007 + A1:2011	✓	✓
<b>Electromagnetic interference emissions</b>		
<b>(EMC directive, Article 6 – Annex I.1.a)</b>		
EN 61000-3-3:2013	✓	x
EN 61000-3-2:2014	✓	x
EN 61000-3-11:2000	x	✓
EN 61000-3-12:2011	x	✓
<b>Interference immunity</b>		
<b>(EMC directive, Article 6 – Annex I.1.b)</b>		
EN 61000-6-1:2007	✓	✓
EN 61000-6-2:2005	✓	✓
<b>Device safety</b>		
<b>(LVD Article 3 – Annex I)</b>		
EN 62109-1:2010	✓	✓
EN 62109-2:2011	✓	✓
<b>Miscellaneous</b>		
VDE-ST-Li-ESS-001:2013/03	✓	✓
UN 38.3 5th Edition, Amendment 1	✓	✓
✓	Standard applicable	
x	Standard not applicable	

The last two digits of the year in which the CE marking was affixed: 13

This declaration is also valid for products with the following article designations: SB 3600SE-10-AT, SB 5000SE-10-AT

### Information:

The declaration of conformity is issued under the sole responsibility of the manufacturer.  
 Without an explicit written confirmation by SMA Solar Technology AG, this declaration of conformity is no longer valid if the product is modified, supplemented or changed in any other way and if components which are not part of the SMA accessory, are integrated in the product, as well as if the product is used or installed improperly.

Niestetal, 2016-04-18

**SMA Solar Technology AG**

ppa.

ppa. Dr.-Ing. Johannes Kneip  
 EVP Development Center



# Declaration of Conformity

with German, European and International (Non-European) standards

German Standard DIN EN		European Standard EN		International Standard IEC (IEC/CISPR)
DIN EN 61000-6-1:2007-10	based on	EN 61000-6-1:2007	based on	IEC 61000-6-1:2005
DIN EN 61000-6-2:2006-03	based on	EN 61000-6-2:2005	based on	IEC 61000-6-2:2005
DIN EN 61000-6-3:2011-09	based on	EN 61000-6-3:2007 + A1:2011	based on	IEC 61000-6-3:2006 + A1:2010
DIN EN 61000-6-4:2011-09	based on	EN 61000-6-4:2007 + A1:2011	based on	IEC 61000-6-4:2006 + A1:2010
DIN EN 61000-3-2:2015-03	based on	EN 61000-3-2:2014	based on	IEC 61000-3-2:2014
DIN EN 61000-3-3:2014-03	based on	EN 61000-3-3:2013	based on	IEC 61000-3-3:2013
DIN EN 61000-3-11:2001-04	based on	EN 61000-3-11:2000	based on	IEC 61000-3-11:2000
DIN EN 61000-3-12:2012-06	based on	EN 61000-3-12:2011	based on	IEC 61000-3-12:2011
DIN EN 62109-1:2011	based on	EN 62109-1:2010	based on	IEC 62109-1:2010
DIN EN 62109-2:2012	based on	EN 62109-2:2011	based on	IEC 62109-2:2011
DIN EN 62477-1:2014-06	based on	EN 62477-1:2012	based on	IEC 62477-1:2012
DIN EN 62311:2008-09	based on	EN 62311:2008	based on	IEC 62311:2007
DIN EN _____	based on	EN 301 489-1 V1.9.2	based on	IEC _____
DIN EN _____	based on	EN 301 489-17 V2.2.1	based on	IEC _____
DIN EN _____	based on	EN 300 328 V1.8.1	based on	IEC _____
DIN EN _____	based on	EN 300 328 V1.9.1	based on	IEC _____