



EC Declaration of Conformity

Within the meaning of the EU directives

- **Electromagnetic compatibility 2004/108/EC (EMC)**
- **Low-voltage directive 2006/95/EC (LVD)**
- **Radio and telecommunications terminal equipment 1999/05/EC (R&TTE)**

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

	Sunny Boy	
	SB 2500TLST-21	SB 4000TL-21
	SB 3000TLST-21	SB 5000TL-21
	SB 3000TL-21	SB 6000TL-21
	SB 3600TL-21	
Electromagnetic Interference		
(EMC directive, Article 5 – Annex I.1.a)		
EN 61000-6-3:2007 + A1:2011	✓	✓
EN 61000-6-4:2007 + A1:2011	✓	✓
Electromagnetic interference emissions		
(EMC Directive Article 5 – Annex I.1.a)		
EN 61000-3-3:2013	✓	✗
EN 61000-3-2:2006 + A1:2009 + A2:2009	✓	✗
EN 61000-3-11:2000	✗	✓
EN 61000-3-12:2011	✗	✓
Immunity to interference		
(EMC Directive Article 5 – Annex I.1.b)		
EN 61000-6-1:2007	✓	✓
EN 61000-6-2:2005	✓	✓
Device safety		
(Low-Voltage Directive Article 2 – Annex I)		
EN 62109-1:2010	✓	✓
EN 62109-2:2011	✓	✓
Health and safety		
(R&TTE Directive Article 3.1.a)		
EN 62311:2008	✓	✓
Electromagnetic compatibility		
(R&TTE Directive Article 3.1.b)		
EN 301 489-1 V1.9.2	✓	✓
EN 301 489-17 V2.2.1	✓	✓
Effective use of frequency spectrum		
(R&TTE Directive Article 3.2)		
EN 300 328 V1.7.1	✓	✓

- ✓ Standard applicable
- ✗ Standard not applicable

Information:

Without an explicit written confirmation by SMA, this declaration of conformity is no longer valid if:

- the product is modified, supplemented or changed in any other way,,
- components which are not part of the SMA accessories kit, are integrated in the product, as well as if the product is used or installed improperly.

Niestetal, 21.07.2014

SMA Solar Technology AG

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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 61000-3-2:2010-03	based on	EN 61000-3-2:2006 + A1:2009 + A2:2009	based on	IEC 61000-3-2:2005 + A1:2008 + A2: 2009
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 62109-1:2010	based on	EN 62109-1:2010	based on	IEC 62109-1:2010
DIN EN 62109-2:2011	based on	EN 62109-2:2011	based on	IEC 62109-2:2011
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 V1.7.1	based on	IEC _____