

Declaration of Conformity

according to the VDEW guideline for utility interactive inverters

Inverter type	Nominal apparent power S_N	Max. apparent power $S_{\max 10 \text{Min}}$	$S_{\max 10 \text{Min}} / S_N$
Sunny Boy SB 700	460, 600, 700 VA	460, 600, 700 VA	100 %
Sunny Boy SB 1100	1000 VA	1100 VA	110 %
Sunny Boy SB 1100LV	1000 VA	1100 VA	110 %
Sunny Boy SB 1700	1550 VA	1700 VA	110 %
Sunny Boy SB 2100TL	1950 VA	2100 VA	108 %
Sunny Boy SB 2500	2300 VA	2500 VA	109 %
Sunny Boy SB 2800i	2600 VA	2800 VA	108 %
Sunny Boy SB 3000	2750 VA	3000 VA	109 %
Sunny Boy SB 3300TL HC	3000 VA	3300 VA	110 %
Sunny Boy SB 3300	3300 VA	3600 VA	109 %
Sunny Boy SB 3800	3800 VA	3800 VA	100 %
Sunny Boy SB 4000TL-20	4000 VA	4000 VA	100 %
Sunny Boy SB 4200TL HC MS	4000 VA	4200 VA	105 %
Sunny Boy SB 5000TL HC MS	4600 VA	5000 VA	109 %
Sunny Boy SB 5000TL-20	4600 VA	5000 VA	109 %
Sunny Mini Central SMC 4600A	4600 VA	5000 VA	109 %
Sunny Mini Central SMC 5000A	5000 VA	5500 VA	110 %
Sunny Mini Central SMC 6000A	6000 VA	6000 VA	100 %
Sunny Mini Central SMC 7000HV	6650 VA	7000 VA	105 %
Sunny Mini Central SMC 6000TL	6000 VA	6000 VA	100 %
Sunny Mini Central SMC 7000TL	7000 VA	7000 VA	100 %
Sunny Mini Central SMC 8000TL	8000 VA	8000 VA	100 %
Sunny Mini Central SMC 9000TL-10	9000 VA	9000 VA	100 %
Sunny Mini Central SMC 10000TL-10	10000 VA	10000 VA	100 %
Sunny Mini Central SMC 11000TL-10	11000 VA	11000 VA	100 %

We hereby declare that the devices listed above meet the stipulations applicable to inverters in VDEW guidelines for the connection and parallel operation of electrical power units in a low-voltage grid. In particular, the 'SMA grid guard', an independent disconnection device, is integrated into all listed inverters and carries out all the functions of a 'Mains monitoring device with allocated switching devices in series (MSD)', in accordance with DIN VDE 0126-1-1. A test certificate (clean report of findings) from the testing and certification department of the BG-PrüfZert is available for this. As a result, the devices described above are clearly marked with

“VDE 0126-1-1 (2.06)”

Furthermore, the devices listed above also meet VDN (Association of German network operators, affiliated to the VDEW) stipulations in terms of the ratios between maximum apparent output (average over 10 minutes) and nominal apparent output, in accordance with the 'notes on VDEW guidelines' (March 2004). As a result, the devices described above fulfil all the conditions for utility interactive operation with the public low-voltage grid.

Niestetal, 03.06.2008

SMA Solar Technology AG

Frank Greizer

i.V. Frank Greizer

(Head of Development Solar Technology)

SMA Solar Technology AG

Sonnenallee 1

34266 Niestetal

Tel. +49 561 9522-0

Fax +49 561 9522-100

www.SMA.de

info@SMA.de

