



Manufacturer's Declaration

Usage of residual-current devices (RCD) of type A with Sunny Boy or Sunny Tripower inverters

The inverters listed below are compatible with RCD type A (in accordance with the standard EN 62109-1, section 7.3.8.).

The inverters thus meet the requirements specified in DIN VDE 0100-712 and IEC 60364-7-712 that they are not able to feed in DC residual currents due to their design.

SUNNY BOY	SUNNY TRIPower
Without transformer	Without transformer
SB1300TL-10	STP 10000TL-10
SB1600TL-10	STP 12000TL-10
SB 2100TL	STP 15000TL-10
SB 3000TL-21	STP 17000TL-10
SB 3600TL-21	STP 15000TLEE-10
SB 4000TL-21	STP 20000TLEE-10
SB 5000TL-21	STP 5000TL-20
SB 6000TL-21	STP 6000TL-20
SB 2500TLST-21	STP 7000TL-20
SB 3000TLST-21	STP 8000TL-20
SB 3600SE-10	STP 9000TL-20
SB 5000SE-10	STP 10000TL-20
With transformer	STP 12000TL-20
SB 240-10 with Multigate-10	STP 20000TL-30
SB 2000HF-30	STP 25000TL-30
SB 2500HF-30	
SB 3000HF-30	

Whether an RCD is necessary and which types may be used in general depends on the respective applicable installation regulations in each case.

Niestetal, 19. September 2014

SMA Solar Technology AG

ppa. Frank Greizer
 (Vice President MPTPD)