

## SUNNY BOY 4000TL/5000TL

The Sunny Boy 4000TL and 5000TL offer more communication options, are easier to use and more efficient than ever – setting new standards in inverter technology.

A modern graphic display, indication of the daily values even after sunset, simplified installation concept and wireless communication via Bluetooth: The new Sunny Boys fulfill every wish. The Sunny Boy 4000TL and 5000TL have a peak efficiency of 97 % with a wide input voltage range. They are Multi-String devices that give you an optimal yield, maximum flexibility for the plant design and an outstanding module compatibility – this makes them the first choice for nearly any PV-plant.



### Leading-Edge Technology & Easy Installation

- » Maximum efficiency of 97 % and wide input voltage range
- » ESS
- » Transformerless with H5 topology
- » Easily accessible connection compartment
- » Ergonomic design
- » Cabling without tools

### For global use

- » Easy country configuration
- » Multi-language display
- » Comprehensive SMA warranty program
- » Bluetooth Technology
- » Graphic display

Input (DC)	SB 4000TL-20	SB 5000TL-20
Max DC power (PDC, max)	4,200 W	5300 W
Max DC voltage (UDC, max)	550 V	550 V
PV voltage range, MPPT (UPV, max)	125 V – 440 V	125 V – 440 V
Recommended range at nominal power	175 V – 440 V	175 V – 440 V
Max input current (IPV, max)	2 x 15 A	2 x 15 A
Number of MPP trackers	2	2
Max number of strings (parallel)	2 x 2	2 x 2
<b>Output (AC)</b>		
Nominal AC power output	4,000 W	4,600 W
Max. AC power	4,000 W	5,000 W
Max. output current	22 A	22 A
Nominal AC voltage / range	220 V – 240 V / 180 V – 280 V	220 V – 240 V / 180 V – 280 V
AC grid frequency / range	<4 %	<4 %
Default AC voltage (UAC, nom)	50 Hz, 60 Hz / ± 5 Hz	50 Hz, 60 Hz / ± 5 Hz
AC Connection	single-phase	single-phase
Power factor (cos phi)	1	1
Max Efficiency	97.0%	97.0%
Euro ETA	96.4 %	96.5 %
Operating temperature range	-25 °C ... +60 °C	-25 °C ... +60 °C
Weight	25 kg	25 kg
Dimensions	470 x 445 x 180mm	470 x 445 x 180mm