

SUNNY BOY 3000TL-20

More communicative, easier to use and more efficient than ever: As the successor of Sunny Boy 3300TL HC, Sunny Boy 3000TL is setting new standards in inverter technology.

A modern graphic display, which shows the daily values even after sunset, simplified installation concept and wireless communication via Bluetooth: As a family member of the new generation, it is perfectly suitable for small rooftop-mounted installations. With a peak efficiency of 97 %, the transformerless inverter offers optimum solar yield. Because of the integrated anti-theft protection, it offers additional security.



Leading-Edge Technology & Easy Installation

- » Maximum efficiency of 97 %
- » Integrated ESS DC load disconnecting unit
- » Transformerless with H5 topology
- » Convection cooling
- » MPP Control OptiTrac
- » Convenient front wiring compartment
- » Cabling without tools

Communication & Universal

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

Input (DC)	SB 3000TL-20
Max DC power	3200 W
Max DC voltage	550 V
PV voltage range, MPPT (UPV, max)	125 V – 440 V
Recommended range at nominal power	188 V – 440 V
Max input current (IPV, max)	17 A
Number of MPP trackers	1
Max number of strings (parallel)	2
Output (AC)	
Nominal AC power output	3,000 W
Max. AC power	3,000 W
Max. output current	16 A
Nominal AC voltage / range	220 V – 240 V / 180 V – 280 V
Default AC voltage (UAC, nom)	50 Hz, 60 Hz / ± 5 Hz
Power factor (cos phi)	1
AC Connection	single-phase
Max Efficiency	97.0%
Euro ETA	96.0 %
EConsumption: operating (standby) / night	< 10 W / < 0.5 W
Operating temperature range	-25 °C ... +60 °C
Weight	22 kg
Dimensions	470 x 445 x 180mm