

X1 SMART
DUAL MPPT

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SINGLE PHASE DUAL MPPT INVERTERS



X1
SMART

X1 SMART are high quality economy dual MPPT inverters offering efficiency and reliability.

The single phase dual MPPT inverters boast a wide voltage range to allow for more energy harvesting and at 97.6% have the highest maximum efficiency available on the market today.

In addition, all SolaX single phase inverters are IP65 rated and have no internal fan.

Key features

- X MPPT efficiency up to 99.9%
- X Maximum efficiency up to 97.6%
- X Dual MPP tracker and wide MPPT voltage range
- X Fanless, quiet and low maintenance
- X Multiple protections
- X Multi-lingual display
- X "Plug and play" connection for easy installation



SL-TL3300T SMART
SL-TL4400T SMART
SL-TL5000T SMART

For more information

www.solaxpower.com.au / 1300 476 529

TECHNICAL DATA

X1 SMART



MODEL	SL-TL3300T	SL-TL4400T	SL-TL5000T
INPUT DC			
Max. Recommended DC power [W]	3480	4580	5200
Max Turn On DC voltage [V]	580		
Max. Input Current [A]	17/17	18/18	20/20
MPPT Voltage Range [V]	125-530		
Min. DC Voltage/Start Voltage [V]	70/100		
Number of MPP Trackers/ Strings per MPP Tracker	2/A:1 B:1		
OUTPUT AC			
AC Nominal Power [W]	3000	4000	4600
Max. AC Power [W]	3300	4400	5000
Nominal AC Voltage Range [V]	180-280	180-280	180-280
AC Grid Frequency; Range [Hz]	50±5	50±5	50±5
Max. AC Current [A]	15	20	23
Power Factor (Full Load)	>0.99		
Total Harmonic Distortion (THD)	<3%		
EFFICIENCY			
MPPT Efficiency	99.9%		
Euro Efficiency	97.1%	97.2%	97.2%
Max. Efficiency	97.6%		
POWER CONSUMPTION			
Input Standby Power (W)	3.5		
Internal Consumption (Night) [W]	0		
SAFETY & PROTECTION			
Internal Overvoltage Protection	Yes		
DC Insulation Monitoring	Yes		
Grid Monitoring	Yes		
Earth Fault Current Monitoring	Yes		
DC Current Monitoring	Yes		
Islanding Protection	Yes		
RCD Protection	Yes		
ENVIRONMENT LIMITS			
Degree of Protection	IP65		
Operating Temperature Range [°C]	-20~60 (derating at 45)		
Humidity [%]	0~95 (non-condensing)		
Altitude [m]	2000		
Storage Temperature [°C]	-20~60		
Noise Emissions [dB]	<30		
OTHER			
Dimensions W x H x D [mm]	435 x 595 x 145		
Weight [kg]	21.5	22	22
Cooling Concept	Convection		
Topology	Transformerless		
Communication Interfaces	Ethernet/WiFi		
LCD Display	Backlit, 16x2 character		
Certification	SAS4777.2/AS4777.3 IEC 62109		
Warranty	5 year		