

X1 SMART
SINGLE MPPT

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SINGLE PHASE SINGLE MPPT INVERTERS



X1
SMART

X1 SMART are high quality economy inverters offering industry leading efficiency and reliability at an unbeatable cost.

The single phase inverters boast a wide MPPT 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 Fanless, quiet and low maintenance
- X Multiple protections
- X Multi-lingual display
- X "Plug and play" connection for easy installation



SL-TL1500 SMART
SL-TL2200 SMART
SL-TL2800 SMART
SL-TL3000 SMART

For more information

www.solaxpower.com.au / 1300 476 529

TECHNICAL DATA

X1 SMART



MODEL	SL-TL1500	SL-TL2200	SL-TL2800	SL-TL3000
INPUT DC				
Max. Recommended DC power [W]	1700	2300	3000	4580
Max Turn On DC voltage [V]	580			
Max. Input Current [A]	10	12	13.8	15
MPPT Voltage Range [V]	125-530			
Min. DC Voltage/Start Voltage [V]	70/100			
Number of MPP Trackers/ Strings per MPP Tracker	1/1	1/1	1/2	1/2
OUTPUT AC				
AC Nominal Power [W]	1500	2000	2600	3000
Max. AC Power [W]	1650	2200	2800	3000
Nominal AC Voltage Range [V]	220/230/240; 180-280			
AC Grid Frequency; Range [Hz]	50±5			
Max. AC Current [A]	7.5	10	13	13.2
Power Factor (Full Load)	>0.99			
Total Harmonic Distortion (THD)	<3%			
EFFICIENCY				
MPPT Efficiency	99.9%			
Euro Efficiency	96.5%	96.8%	96.9%	96.9%
Max. Efficiency	97.4%	97.5%	97.6%	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]	376 x 437 x 143			
Weight [kg]	16	16	16.5	16.5
Cooling Concept	Convection			
Topology	Transformerless			
Communication Interfaces	Ethernet/WiFi			
LCD Display	Backlit, 16x2 character			
Certification	AS4777.2/AS4777.3 IEC 62109			
Warranty	5 year			