

# NEW

From Solax

# SINGLE PHASE INVERTERS



## X1 SINGLE PHASE INVERTER

SolaX X1 single phase series are high quality single & dual MPPT inverters offering efficiency and reliability at an unbeatable cost.

SolaX have developed a range of single phase inverters, unrivaled in the industry for their quality, reliability and efficiency. The SolaX single phase inverters boast a wide MPPT voltage range to allow you to harvest the maximum amount of energy possible from your PV system and have a maximum input voltage of 600V, with a maximum efficiency up to 97.8%.



X1 BOOST Dual MPPT

### Get in touch now:

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# X1 BOOST DUAL MPPT

	X1-3.0T	X1-3.3T	X1-3.6T	X1-4.2T	X1-4.6T	X1-5.0T
<b>INPUT (DC)</b>						
Max.recommended DC power [W]	4500	4950	5520	6300	6900	7499
Max. input DC voltage [V]	600	600	600	600	600	600
Max. input current [A]	12/12	12/12	12/12	12/12	12/12	12/12
MPPT voltage range [V]	125-580	125-580	125-580	125-580	125-580	125-580
Start input/output voltage [V]	150	150	150	150	150	150
Number of MPP tracker/strings per MPP tracker	2/1	2/1	2/1	2/1	2/1	2/1
<b>OUTPUT (AC)</b>						
AC nominal power [VA]	3000	3300	3680	4200	4600	4999
Max. AC power [VA]	3000	3300	3680	4200	4600	4999
Nominal AC voltage; range [V]	220/230/240; 180~280					
AC grid frequency; range [Hz]	50/60; ±5					
Max. AC current [A]	14	15	16	19	21	21
Power factor (full load)	0.8 leading ~ 0.8 lagging					
Total harmonic distortion(THD) [%]	<2					
<b>POWER CONSUMPTION</b>						
Night consumption [W]	<10					
<b>EFFICIENCY</b>						
MPPT efficiency[%]	99.9					
Euro efficiency[%]	97.0					
Max. efficiency[%]	97.8					
<b>SAFETY &amp; PROTECTION</b>						
Over voltage protection	YES					
Over current protection	YES					
DC isolation impedance monitoring	YES					
Ground fault current monitoring	YES					
DC injection monitoring	YES					
RCD protection	YES					
Safety	IEC62109-1/-2 AS3100					
EMC	EN 61000-6-1 / EN 61000-6-2 / EN 61000-6-3					
Certification	G83/2;G59/3;AS4777.2-2015;VDE4105; EN50438;CQC;VDE0126					
<b>ENVIRONMENT LIMITS</b>						
Protection class	IP65					
Operating temperature[°C]	-20~ +60(derating at 45)					
Humidity[%]	0~95 (no condensation)					
Attitude[m]	2000					
Storage temperature[°C]	-20~+60					
Noise emission[dB]	<25					
<b>DIMENSION &amp; WEIGHT</b>						
Dimensions(W*H*D) [mm]	339*420*143					
Weight[Kg]	14.6	14.6	14.6	16.7	16.7	16.7
<b>GENERAL DATA</b>						
Topology	Transformerless					
Communication interface	RS485 / WIFI(optional) / DRM / USB / RF(optional) / Meter(optional)					
Display	Backlight 16*4 character					
Standard warranty[years]	5					
Cooling type	Natural					

\*Can be modified without notice.(V2)