

NEW

From SolaX



SINGLE PHASE INVERTERS

From SolaX



www.solaxpower.com

X1 AIR SINGLE MPPT

The X1 Air-series are high quality single MPPT inverter 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 for more energy harvesting and have a maximum input voltage of 600V, with a maximum efficiency of 97.6%.



X1-2.5-S
X1-3.0-S
X1-3.3-S



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X1 AIR FROM SOLAX

SINGLE-PHASE INVERTERS - PRODUCT DATA

X1-2.5-S

X1-3.0-S

X1-3.3-S

Input (DC)	Max. recommended DC power[W]	2700	3200	3450
	Max. starting DC voltage[V]	600	600	600
	Max. input current[A]	10	10	10
	MPPT voltage range[V]	100-580	100-580	100-580
	Start input/output voltage [V]	65/120	65/120	65/120
	Number of MPP tracker/ strings per MPP tracker	1/1	1/1	1/1
Output (AC)	AC nominal power[W]	2500	3000	3300
	Max. AC power[VA]	2500	3000	3300
	Nominal AC voltage; range[V]	220/230/240; 180-280		
	AC grid frequency; range[Hz]	50/60. ± 5		
	Max. AC current[A]	12	14	15
	Power factor (full load)	0.8leading - 0.8lagging		
	Total harmonic distortion(THD)	<15%	<15%	<15%
Power Consumption	Input standby power[W]	< 10	< 10	< 10
Efficiency	MPPT Efficiency[%]	99.9	99.9	99.9
	Euro Efficiency[%]	96.5	96.5	96.5
	Max. Efficiency[%]	97.6	97.6	97.6
Safety & Protection	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	EN62109-1/-2; GB3/2; AS4777.2-2015; VDE4105; EN50438; CQC		
	EMC	EN61000-6-2;EN61000-6-3;EN61000-3-2;EN61000-3-3		
Environment Limits	Protection class	IP 65		
	Operating temperature[℃]	-20 ~ +60 (derating at 45)		
	Humidity[%]	0%~95% , no condensation		
	Attitude[m]	2000		
	Storage temperature[℃]	-20 ~ +60		
	Noise emission[dB]	< 30		
Dimension & Weight	Dimensions (W*H*D) [mm]	323*402*119		
	Weight(Kg)	9.5	9.5	9.5
General data	Topology	Transformerless		
	Communication interface	RS 485/ WiFi/gpd/ DRW/ USB		
	LED display	11 LED		
	Standard warranty(years)	5years(10 years optional)		
	Cooling type	Natural		