

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



YHI (NEW ZEALAND) LTD

Proudly Distributed By: *A subsidiary of YHI International Limited*

Freephone 0800 99 33 44 Visit our websites: www.yhipower.co.nz / www.whychoosesolar.co.nz

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)	<1.5%	<1.5%	<1.5%
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; G83/2; 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[°C]	-20 ~ +60 (derating at 45)		
	Humidity[%]	0%~95%, no condensation		
	Attitude[m]	2000		
	Storage temperature[°C]	-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(opt)/ DRM/ USB		
	LED display	11 LED		
	Standard warranty[years]	5years(10 years optional)		
	Cooling type	Natural		