



LX3600 / LX4600 / LX5200

SOLAX SOLAR
INVERTER



X1-LX

SINGLE PHASE

High MPPT efficiency up to 99.9%

Max DC to AC efficiency up to 97.6%

Dual MPP trackers can work either independently or parallelly

Wide MPPT working range

HIGH
PERFORMANCE



LOAD REMOTE CONTROL



INTERNAL WIFI &
REMOTE MONITORING



EXPORT CONTROL
TO THE GRID



EASY UPGRADING VIA
ETHERNET PORT

Model		X1-LX3600	X1-LX4600	X1-LX5200
INPUT(DC)	Nominal DC input power [W]	4000	4600	5200
	Max. PV voltage [V]		550	
	Rated input voltage [V]		360	
	Max. DC input current per input [A]	12/12	12/12	12/12
	Max. DC short-circuit per input [A]	15/15	15/15	15/15
	MPPT voltage range [V]	125-530	125-530	125-530
	Start input voltage [V]	100	100	100
	Start output voltage[V]	150	150	150
	Shut down input voltage [V]	70	70	70
	No. of MPPT inputs	2	2	2
	No. of strings per MPPT input	1	1	1
	DC switch	Optional		
Output (AC)	Rated output power [W]	3680	4200	4600
	Rated grid voltage (Range) [V]	220/230/240 (180 to 280)		
	Rated grid frequency (Range) [Hz]	50 (45 to 55) / 60 (55 to 65)		
	Nominal AC current [A]	16	18	20
	Max. output current [A]	16	20	22
	Total harmonic distortion [THD]	<3%		
	Max. output overcurrent protection [A]	25		
	Displacement power factor, adjustable	0.9 leading to 0.9 lagging		
	Feed in phase	Single-phase		
	Over voltage category	III (electric supply side), II (PV side)		
Efficiency	MPPT efficiency	99.9%	99.9%	99.9%
	Euro efficiency	97.0%	97.0%	97.0%
	Max. efficiency	97.6%	97.6%	97.6%
Safety and Protection	Over voltage/under voltage protection	Yes		
	DC isolation impedance monitoring	Yes		
	Grid monitoring	Yes		
	Ground fault current monitoring	Yes		
	DC injection monitoring	Yes		
	Residual current detection	Yes		
	Anti-islanding protection	Yes		
	Overload protection	Yes		
	Overheat protection	Yes		
Others	Dimension (W/H/D) [mm]	384 x 462 x 152.5		
	Dimension of packing (W/H/D) [mm]	504 x 614 x 234		
	Weight [kg]	21		
	Gross weight [kg]	23		
	Cooling concept	Natural cooling		
	Noise emission [dB]	<25		
	Operating temperature range [°C]	-20~+60 (derating at 45)		
	Store temperature [°C]	-20~+60		
	Max. permissible relative humidity (non-condensing)	0%~90%		
	Altitude [m]	<2000		
	Degree of protection	IP65		
	Topology	Transformer-less		
	Internal consumption [W]	<3		
	LCD display	Backlight 16*4 character		
	Communication interface	Ethernet / WIFI / Dry contact / I/O(Optional) / Smart meter(Optional)		
Standard warranty	Standard 5 years			

