

Three phase
Dual MPPT inverters
X3-Pro



**Simple.
Reliable.
Efficient**



Wide Product
Range



High
Efficiency



IP65
Rated



Remote
Monitoring

8kW

10kW

15kW

X3-8.0P-T-N / X3-10.0P-T-N / X3-15.0P-T-N

SolaX have developed a range of three phase inverters unrivalled in the industry for their quality, reliability and efficiency. The SolaX three phase inverters boast a wide MPPT voltage range to allow for more energy harvesting and have a maximum input voltage of 800V, with a maximum efficiency of 98.5%. In addition, SolaX three phase inverters are IP65 rated, have no internal fan and come with optional 'plug & play' WIFI. Monitoring Platform: SolaX Portal.





X3-PRO (THREE PHASE)

X3-8.0P-T-N
X3-8.0P-T-D

X3-10.0P-T-N
X3-10.0P-T-D

X3-12.0P-T-N
X3-12.0P-T-D

X3-15.0P-T-N
X3-15.0P-T-D

INPUT (DC)

Max.PV array power [Wp]	12000	15000	18000	22500
Max.recommended DC power[W]	A:3200 B:6400	A:4000 B:8000	A:4800/B:9600	A:6000 B:12000
Max.DC voltage [V]	1000	1000	1000	1000
Nominal DC operating voltage [V]	600	600	600	600
Max. input current [A]	12/24	12/24	12/24	12/24
Max. short circuit current [A]	14/28	14/28	14/28	14/28
MPPT voltage range[V]	160-850	160-850	160-850	160-850
Start operating voltage[V]	180	180	180	180
No. of MPP trackers/Strings per MPP tracker	2(1/2)	2(1/2)	2(1/2)	2(1/2)

OUTPUT AC

Nominal AC power [VA]	8000	10000	12000	15000
Max. AC power [VA]	8800	11000	13200	16500
Nominal grid voltage(AC voltage range) [V]	3/N/PE, 230/400(310-480)			
Nominal grid frequency/range [Hz]	50/60;±5			
Nominal AC current [A]	11.6	14.5	17.4	21.7
Max. AC current [A]	12.8	15.9	19.1	23.9
Displacement power factor	0.8 leading-0.8 lagging			
THDi, rated power [%]	<3			

EFFICIENCY

MPPT efficiency [%]	99.9
Euro efficiency [%]	97.8
Max. efficiency [%]	98.3

POWER CONSUMPTION

Standby consumption (Night) [W]	<3
---------------------------------	----

STANDARD

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
EMC	EN61000-6-1;EN61000-6-2;EN61000-6-3; EN61000-3-12; EN61000-3-11
Certification	VDE4105; AS4777; EN50549; IEC61727

ENVIRONMENT LIMIT

Degree of protection(according to IEC60529)	IP65
Operating temperature range [°C]	-25~+60(derating at 45)
Max. operation altitude [m]	<2000
Humidity [%]	0~100(non-condensing)
Storage temperature [°C]	-25~60
Typical noise emission [dB]	<45

DIMENSION AND WEIGHT

Dimensions(WxHxD) [mm]	534*419*179
Weight[kg]	32
Cooling concept	Forced airflow
Topology	Non-isolated
Communication interfaces	RS485/DRM/Pocket WiFi(optional)/Pocket LAN (optional)/Pocket GPRS (optional)/Meter (optional)/USB-upgrade
LCD display	Backlight 16*4 character
Standard warranty [years]	5