

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(D) / X3-10.0P-T-N(D) / X3-15.0P-T-N(D)**

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)

D means with DC switch built-in  
N means without DC switch.

X3-8.OP-T-N  
X3-8.OP-T-D

X3-10.OP-T-N  
X3-10.OP-T-D

X3-15.OP-T-N  
X3-15.OP-T-D

INPUT (DC)	X3-8.OP-T-N X3-8.OP-T-D	X3-10.OP-T-N X3-10.OP-T-D	X3-15.OP-T-N X3-15.OP-T-D
Max. recommended PV power[W]	12000	15000	22500
Max. DC voltage [V]	1000	1000	1000
Nominal DC operating voltage [V]	600	600	600
Max. input current [A]	12/24	12/24	12/24
Max. short circuit current [A]	14/28	14/28	14/28
MPPT voltage range[V]	160-850	160-850	160-850
Start operating voltage[V]	180	180	180
No. of MPP trackers	2	2	2
Strings per MPP tracker	1/2	1/2	1/2
<b>OUTPUT AC</b>			
Nominal AC power [VA]	8000	10000	15000
Max. AC power [VA]	8800	11000	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	21.7
Max. AC current [A]	12.8	15.9	23.9
Displacement power factor	0.8 leading-0.8 lagging		
THDi, rated power [%]	<3		
<b>EFFICIENCY</b>			
MPPT efficiency [%]	99.9		
Euro efficiency [%]	97.8		
Max. efficiency [%]	98.3		
<b>POWER CONSUMPTION</b>			
Standby consumption (Night) [W]	<3		
<b>STANDARD</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	EN62109-1/-2		
EMC	EN61000-6-1;EN61000-6-2;EN61000-6-3; EN61000-3-12; EN61000-3-11		
Certification	VDE4105; AS4777; EN50549; IEC61727		
<b>ENVIRONMENT LIMIT</b>			
Degree of protection(according to IEC60529)	IP65		
Operating temperature range [°C]	-25~+60(derating at 45)		
Max. operation altitude [m]	<2000		
Humidity [%]	0~100 (condensing)		
Storage temperature [°C]	-25~60		
Typical noise emission [dB]	45		
<b>DIMENSION AND WEIGHT</b>			
Dimensions(WxHxD) [mm]	534*419*201		
Weight[kg]	30		
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]	10		