



Three Phase
String Inverter
X3-Mic

**Small Inverter
Big Performance**



Wide Product
Range



High
Efficiency



IP65
Rated



Remote
Monitoring

**X3-5.0-T-D/X3-6.0-T-D/X3-8.0-T-D/X3-9.0-T-D/X3-10.0-T-D
X3-5.0-T-N/X3-6.0-T-N/X3-8.0-T-N/X3-9.0-T-N/X3-10.0-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-MIC (THREE PHASE) (T For Dual MPPT S For Single MPPT)

X3-5.0-T-D X3-6.0-T-D X3-8.0-T-D X3-9.0-T-D X3-10.0-T-D
X3-5.0-T-N X3-6.0-T-N X3-8.0-T-N X3-9.0-T-N X3-10.0-T-N

INPUT (DC)	X3-5.0-T-D	X3-6.0-T-D	X3-8.0-T-D	X3-9.0-T-D	X3-10.0-T-D
Max.PV array power [Wp]	7500	9000	12000	13500	15000
Max.DC voltage [V]	800	800	1000	1000	1000
Nominal DC operating voltage [V]	600	600	600	600	600
Max. input current [A]	12/12	12/12	12/12	12/12	12/12
Max. short circuit current [A]	14/14	14/14	14/14	14/14	14/14
MPPT voltage range[V]	160-750	160-750	160-900	160-900	160-900
Start operating voltage[V]	180	180	180	180	180
No. of MPPT trackers	2	2	2	2	2
Strings per MPPT tracker	1/1	1/1	1/1	1/1	1/1
OUTPUT AC					
Nominal AC power [VA]	5000	6000	8000	9000	10000
Max. AC power [VA]	5500	6600	8800	9900	11000
Nominal grid voltage(AC voltage range) [V]	3/N/PE, 3/PE, 230/400(310-480)				
Nominal grid frequency/range [Hz]	50/60;±5				
Nominal AC current [A]	7.2	8.7	11.6	13.0	14.5
Max. AC current [A]	8.0	9.6	12.8	14.3	15.9
Displacement power factor	0.8leading-0.8lagging				
THDi, rated power [%]	<2				
EFFICIENCY					
MPPT efficiency [%]	99.9	99.9	99.9	99.9	99.9
Euro efficiency [%]	97.8	97.8	98	98	98
Max. efficiency [%]	98.3	98.3	98.4	98.5	98.5
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;EN61000-3-2;EN61000-3-3				
Certification	AS4777; VDE4105; G98; G99; EN50549; CEI0-21				
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 (condensing)				
Storage temperature [°C]	-25~60				
Typical noise emission [dB]	<35				
DIMENSION AND WEIGHT					
Dimensions(WxHxD) [mm]	534*419*201				
Weight[kg]	30	30	30	30	30
Cooling concept	Natural				
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				