



X3-Pro 5.0kW~15.0kW THREE PHASE INVERTERS



Features:

- Secure & reliable with software and hardware protection
- Maximum efficiency up to 98.3%, Euro efficiency up to 97.8%
- Wide MPPT voltage range & Two independent MPPT (three strings)
- High protection class - IP65 (indoor/outdoor use)
- Multiple protections: Over-voltage/ Under-voltage, Earth Protection, Anti-islanding, Overload, Over temperature and RCD Protection.

Get in touch now:

Global: +86 571-56260008
AU: +61 1300 476529

DE: +49 7231 4180999
UK: +44 2476 586998

Website: www.solaxpower.com
Email: info@solaxpower.com



X3-5.0-T-D(N) X3-6.0-T-D(N) X3-8.0P-T-D(N) X3-10.0P-T-D(N) X3-12.0P-T-D(N) X3-15.0P-T-D(N)

INPUT (PV)						
Max.DC power[W]	7500	9000	A:4000/B:8000	A:5000/B:10000	A:6000/B:12000	A:7500/B:15000
Max.DC voltage[V]	800	800	1000	1000	1000	1000
Nominal DC operating voltage[V]	600	600	600	600	600	600
Max. input current(input A/input B)[A]	11/11	11/11	10/20	10/20	10/20	10/20
Max. short circuit current(input A/inputB)[A]	14/14	14/14	12/24	12/24	12/24	12/24
Operating voltage range[V]	160-780	160-780	160-950	160-950	160-950	160-950
MPPT voltage range[V]	160-750	160-750	160-850	160-850	160-850	160-850
MPPT voltage range[V](full load)	190-750	240-750	282-800	349-800	416-800	516-800
Start up DC voltage[V]	140	140	140	140	140	140
Start output DC voltage[V]	180	180	180	180	180	180
Shut down DC voltage[V]	100	100	100	100	100	100
No. of MPP trackers	2	2	2	2	2	2
Strings per MPP tracker	1	1	A:1/B:2	A:1/B:2	A:1/B:2	A:1/B:2
OUTPUT (AC)						
Nominal AC power[VA]	5000	6000	8000	10000	12000	15000
Max. apparent AC power[VA]	5000	6000	8000	10000	12000	15000
Rated grid voltage(AC voltage range)[V]	3/N/PE, 230/400(310-480)					
Rated grid Frequency[Hz]	50/60;+-5					
Nominal AC current[A]	7.2	8.7	11.6	14.5	17.4	21.7
Max. AC current[A]	8.0	9.6	12.8	16.0	19.2	23.8
Displacement power factor	0.8leading-0.8lagging					
Total harmonic distortion[%](THDi, rated power)	<2	<2	<3	<3	<3	<3
EFFICIENCY						
MPPT efficiency [%]	99.9					
Euro-efficiency [%]	97.8					
Max. efficiency [%]	98.3					
POWER CONSUMPTION						
Night consumption[W]	<2	<2	<3	<3	<3	<3
STANDARD						
Safety	EN62109-1/-2					
EMC	EN61000-6;EN61000-6;EN61000-6					
Certification	AS/NZS4777.7					
ENVIRONMENT LIMIT						
Protection class	IP65					
Operating temperature range[°C]	-25~+60(derating at 45)					
Humidity[%]	0~100					
Altitude[m]	2000					
Storage temperature[°C]	-25~60					
Noise emission(typical)[dB]	<35	<35	<45	<45	<45	<45
Over voltage category	III(electric supply side), II(PV side)					
GENERAL						
Dimensions(WxHxD) [mm]	534*419*201					
Gross Weight [kg]	30	30	32	32	32	32
DC input type	MC4					
AC input type	Quick plug terminal					
Cooling concept	Natural	Natural	Force airflow	Force airflow	Force airflow	Force airflow
Buzzer	Yes					
Topology	Transformerless					
Earth fault alarm	Yes					
Communication	RS485 /Meter (optional)/DRM / Pocket wifi(optional) / Pocket Lan (optional)/ Pocket GPRS(optional)/USB/ RF(optional)/Remote upgrade					
LED	3					
LCD display	Backlight 16*4 character					
Warranty[year]	5					