

NEW FROM SOLAX



X3-4.0T~10.0T THREE PHASE INVERTERS

Features:

- Secure & reliable with software and hardware protection
- Maximum efficiency up to 98.5%, Euro efficiency up to 98%
- Wide MPPT voltage range & Two independent MPPT trackers
- High protection class - IP65 (indoor/outdoor use)
- Multiple protections: Over voltage / under voltage, earth protection, anti-islanding, overload, over temperature and RCD protection, etc.



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X3-4.0-T

X3-5.0-T

X3-6.0-T

X3-7.0-T

X3-8.0-T

X3-9.0-T

X3-10.0-T

INPUT (DC)

Max.DC power [W]	5200	6500	7800	8400	9600	10800	12000
Max.DC voltage [V]	800	800	800	1000	1000	1000	1000
Normal DC operating voltage [V]	600	600	600	600	600	600	600
Max. input current (input A/input B) [A]	11/11	11/11	11/11	11/11	11/11	11/11	11/11
Max. short circuit current (input A/input B) [A]	14/14	14/14	14/14	14/14	14/14	14/14	14/14
Operating voltage range [V]	160-750	160-750	160-750	160-900	160-900	160-900	160-900
MPPT voltage range [V] (full load)	190-750	240-750	285-750	330-800	380-800	425-800	470-800
Start up DC voltage [V]	140	140	140	140	140	140	140
Start output DC voltage [V]	180	180	180	180	180	180	180
Shut down DC voltage [V]	100	100	100	100	100	100	100
No. of MPP trackers	2	2	2	2	2	2	2
Strings per MPP tracker	1	1	1	1	1	1	1
DC disconnection switch	optional	optional	optional	optional	optional	optional	optional

OUTPUT (AC)

Normal AC power [W]	4000	5000	6000	7000	8000	9000	10000
Max. apparent AC power [W]	4000	5000	6000	7000	8000	9000	10000
Rated grid voltage (AC voltage range) [V]	3/N/PE, 230/400(310-480)						
Rated grid Frequency [Hz]	50/60;+-5						
Max. AC current [A]	6.4	8.0	9.6	11.2	12.8	14.4	16.0
Displacement power factor	0.8leading-0.8lagging						
THDi, rated power [%]	<2						

EFFICIENCY

MPPT efficiency [%]	99.9	99.9	99.9	99.9	99.9	99.9	99.9
Euro-efficiency [%]	97.8	97.8	97.8	98	98	98	98
Max. efficiency [%]	98.3	98.3	98.3	98.4	98.4	98.5	98.5

POWER CONSUMPTION

Night consumption [W]	<3
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STANDARD

Safety	EN62109-1/-2
EMC	EN61000-6-1;EN61000-6-2;EN61000-6-3;EN61000-3-2;EN61000-3-3
Certification	AS4777.2-2015; VDE4105

ENVIRONMENT LIMIT

Protection class	IP65
Operating temperature range [°C]	-25~+60(derating at 45)
Humidity [%]	0~100, condensing
Altitude[m]	4000(derating at 3000)
Storage temperature [°C]	-25~60
Noise emission(typical)[dB]	<35
Over voltage category	III(electric supply side), II(PV side)

GENERAL

Dimensions(WxHxD) [mm]	460*400*180						
Weight [kg]	23	23	23	26	26	26	26
DC input type	MC4						
Cooling concept	Natural						
Topology	Transformerless						
Earth fault alarm	Yes(80dB)						
Communication	Rs485 /DRM / WIFI(optional) / LAN (optional)/ USB / RF						
LED	3						
LCD display	Backlight 20*4 character						
Warranty [year]	5						