

NEW FROM SOLAX



X3-5.0-S 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 X3-5.0-S

INPUT (DC)								
Max.DC power [W]	5200	6500	7800	8400	9600	10800	12000	6000
Max.DC voltage [V]	800	800	800	1000	1000	1000	1000	1000
Normal DC operating voltage [V]	600	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	11
Max. short circuit current (input A/input B) [A]	14/14	14/14	14/14	14/14	14/14	14/14	14/14	14
MPPT voltage range [V]	160-780	160-780	160-780	160-950	160-950	160-950	160-950	160-950
MPPT voltage range [V] (full load)	190-750	240-750	285-750	330-800	380-800	425-800	470-800	470-800
Start up DC voltage [V]	140	140	140	140	140	140	140	140
Start output DC voltage [V]	180	180	180	180	180	180	180	180
Shut down DC voltage [V]	100	100	100	100	100	100	100	100
No. of MPP trackers	2	2	2	2	2	2	2	1
Strings per MPP tracker	1	1	1	1	1	1	1	1
DC disconnection switch	optional	optional	optional	optional	optional	optional	optional	optional
OUTPUT (AC)								
Normal AC power [W]	4000	5000	6000	7000	8000	9000	10000	5000
Max. apparent AC power [W]	4000	5000	6000	7000	8000	9000	10000	5000
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	8.0
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	99.9
Euro-efficiency [%]	97.8	97.8	97.8	98	98	98	98	98
Max. efficiency [%]	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
POWER CONSUMPTION								
Night consumption [W]	<2							
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	22
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]	10							

*Can be modified without notice.(V1)