



X3-4.0T~10.0T X3-4.0S/X3-5.0S THREE PHASE INVERTERS

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 X3-4.0-S X3-5.0-S

INPUT (DC)									
Max.DC power [W]	5200	6500	7800	8400	9600	10800	12000	4800	6000
Max.DC voltage [V]	800	800	800	1000	1000	1000	1000	1000	1000
Normal DC operating voltage [V]	600	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	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	14
Operating voltage range [V]	160-780	160-780	160-780	160-950	160-950	160-950	160-950	160-950	160-950
Start output DC voltage [V]	180	180	180	180	180	180	180	180	180
No. of MPP trackers	2	2	2	2	2	2	2	1	1
Strings per MPP tracker	1	1	1	1	1	1	1	1	1
OUTPUT (AC)									
Normal AC power [W]	4000	5000	6000	7000	8000	9000	10000	4000	5000
Max. apparent AC power [W]	4000	5000	6000	7000	8000	9000	10000	4000	5000
Rated grid voltage (AC voltage range) [V]	3/N/PE, 3/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	6.4	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	99.9
Euro-efficiency [%]	97.8	97.8	97.8	98	98	98	98	97.8	97.8
Max. efficiency [%]	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.3	98.3
POWER CONSUMPTION									
Night consumption [W]	<3								
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								
Altitude[m]	2000								
Storage temperature [°C]	-25~60								
Noise emission(typical)[dB]	<35								
Over voltage category	III(electric supply side), II(PV side)								
GENERAL									
Dimensions(WxHxD) [mm]	534*419*179								
Weight [kg]	30	30	30	30	30	30	30	28	28
DC input type	MC4								
Cooling concept	Natural								
Topology	Transformerless								
Earth fault alarm	Yes(80dB)								
Communication	Rs485 /DRM / POCKET-WIFI(optional) / POCKET-LAN (optional) /Meter (optional) / USB / RF								
LCD display	Backlight 20*4 character								
warranty [year]	5								
DC disconnection switch	optional	optional	optional	optional	optional	optional	optional	optional	optional

*Can be modified without notice (A3)