



X3

X3-30T

X3-36T

INPUT (DC)		
Max.recommended DC power [W]	36000	43200
Max. input DC voltage [V]	1000	
Max. input current [A]	A:34/B:34	
MPPT voltage range [V]	280-950	280-950
Start input/output voltage [V]	300	
Number of MPP tracker/strings per MPP tracker	2/A:4 B:4	
OUTPUT (AC)		
AC nominal power [VA]	30000	36000
Max. AC power [VA]	33000	40000
Normal AC voltage; range [V]	3/PE 380, 400; +/--10%; 3/N/PE 380, 400; +/--10%; 3/PE 480; +/--10%; 3/N/PE 480; +/--10%;	
AC grid frequency; range) [Hz]	50;45-55 / 60;55-65	
Max. AC current [A]	48*3	48*3
Power factor (full load)	0.8 leading ~ 0.8 lagging	
Total harmonic distortion(THD) [%]	<3	
POWER CONSUMPTION		
Standby consumption [W]	<7	
EFFICIENCY		
MPPT efficiency[%]	99.9	
Euro efficiency[%]	98.3	
Max. efficiency[%]	98.6	
SAFETY & PROTECTION		
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	IEC62109-1/IEC62109-2/AS3100	
EMC	EN 61000-3-2/EN 61000-3-3/EN 61000-3-11/EN 61000-3-12/EN 61000-6-2/EN 61000-6-3	
Certification	NB/T 32004-2013/ZVRT/VDE4105/G59/3/AS4777	
ENVIRONMENT LIMITS		
Protection class	IP65	
Operating temperature[°C]	-25~+60 (derating at 45)	
Humidity[%]	0~95	
Attitude[m]	2000	
Storage temperature[°C]	-25~60	
Noise emission[dB]	<60	
DIMENSION & WEIGHT		
Dimensions(W*H*D) [mm]	660*610*260	
Weight[Kg]	60	
GENERAL DATA		
Topology	Transformerless	
Communication interface	RS485/ WIFI (optional)/ Ethernet/ DRM/ USB	
Display	4 LED	
Standard warranty[years]	5-10	
Cooling type	Forced-cooling	

*Can be modified without notice.(V2)