

NEW FROM SOLAX

X3-MIC-G2
X3-PRO-G2



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5kW/8kW/10kW/12kW
15kW/17kW/20kW/25kW/30kW

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Features

High-efficiency

- Maximum efficiency is up to 98.5%
- Low startup voltage, ultrawide MPPT voltage range
- 150% DC oversizing, 110% AC overloading output
- In-built global MPP scan for higher yield efficiency

Safe

- SPD type II protection on both AC&DC
- ARC protection (Optional)
- IP66 protection

Smart

- Built-in export power control
- Intelligent load management - heat pump (Adapter Box required)
- monitoring and maintenance (Optional)
- Multiple monitoring methods supported, Optional: WiFi/LAN/4G

Economic

- Ultra-high power density
- Maximum 32A DC input current per MPP tracker, support high power solar panels
- Up to 3 MPPTs, 2 strings per MPPT
- Support Master/Slave parallel function

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V1.1. Information may be subject to modify without notice.
Exclusive for SolaX Power Australia

DC INPUT

Max. PV array input power [Wp]	10000	16000	12000	15000	18000	22500	25500	30000	37500	45000
Max. PV input voltage [V]	1000	1000	1100	1100	1100	1100	1100	1100	1100	1100
Start startup voltage [V]	150	150	200	200	200	200	200	200	200	200
Nominal input voltage [V]	640	640	650	650	650	650	650	650	650	650
MPP tracker voltage range [V]	120-980	120-980					160~980			
No. of MPP trackers	2	2	2	2	2	2	2	2	3	3
Strings per MPP tracker	1	1	2	2	2	2	2	2	2	2
Max. PV input current [A]	16	16	32/32	32/32	32/32	32/32	32/32	32/32	32/32/32	32/32/32
Isc PV Array Short Circuit current [A]	20	20	40/40	40/40	40/40	40/40	40/40	40/40	40/40/40	40/40/40

AC OUTPUT

Rated AC output power [kW]	5000	8000	8000	10000 ^①	12000	15000	17000	20000	25000	30000 ^②
Rated AC output current [A]*	7.6/7.3	12.2/11.6	12.2/11.6	15.2/14.5	18.2/17.4	22.8/21.8	25.8/24.7	30.3/29	37.9/36.3	45.5/43.5
Max. AC output apparent power [VA]	5500	8800	8800	11000 ^①	13200	16500	18700	22000	27500	30000 ^②
Max. AC output current [A]	8.0	12.8	13.2	16	19.3	24.2	27.5	33.6	41.8	45.5
Nominal AC voltage/AC voltage range [V]**	220/380V, 230/400V, 3/N/PE, 3/PE; 95-285V									
Nominal AC frequency/AC frequency range [Hz]**	50/60; ±5									
Power Factor range	0.8 leading ~ 0.8 lagging									
THDi (Rated power) [%]	<3									

SYSTEM DATA

Max. efficiency [%]	98.30	98.30	98.20	98.20	98.20	98.30	98.30	98.30	98.50	98.50
Euro efficiency [%]	97.80	97.80	97.70	97.70	97.70	97.80	97.80	97.80	98.00	98.00
Standby consumption (Night) [W]	<3									
Ingress protection	IP66									
Operating ambient temperature range [°C]	-30~+60 (Derating above 45)									
Max. operation altitude [m]	4000 (Derating above 3000)									
Relative humidity [%]	0~100									
Typical noise emission [dB]	<30	<45	<35	<35	<35	<55	<55	<55	<55	<58
Storage temperature [°C]	-30~+60									
Dimensions (WxHxD) [mm]	342*434*144.5	342*434*156					482*417*181			
Weight [kg]	15.5	17	24.5				26		28	
Cooling concept	Natural cooling Smart fan cooling		Natural cooling				Smart fan cooling			
Communication interfaces	USB / RS485 / DRM, Optional: Meter									
Optional monitoring dongle	Pocket WiFi/LAN/4G									
Display	2 x LED + LCD (16 x 2) / APP									

PROTECTION

Over/under voltage protection	YES									
DC isolation protection	YES									
Grid monitoring	YES									
DC injection monitoring	YES									
Residual current detection	YES									
Anti-islanding protection	YES									
Over Temp protection	YES									
SPD (DC/AC)	Type III / Type III(Type II optional)					Type II / Type II				
AC auxiliary power supply (APS)	Optional									
Arc-fault circuit interrupter (AFCI)	Optional									

STANDARD

Safety	IEC/EN 62109-1; IEC/EN 62109-2; NB/T 32004									
EMC	IEC/EN 61000; NB/T 32004									
Certification	VDE4105; EN 50549; AS 4777.2; VDE4105; IEC 61727; IEC 62116; IEC 61683; IEC 60068; EN 50530; NB/T 32004									

* The two data refer to different grid voltage 220V/230V

** The AC voltage and the frequency range may vary from different country codes

①9999 for AS4777.2 ②29999 for AS4777.2

*V2.4. Information may be subject to modify without notice. 650.00004.00 650.00003.00