

NEW FROM SOLAX

**X3-MIC-G2-LV**



**X3-MIC-G2-LV**

5.0k/6.0K/8.0K

## Features

- **High efficiency conversion**  
Maximum efficiency is up to 98.3%  
Low startup voltage, ultrawide MPPT voltage range  
200% oversizing  
110% overloading output
- **Safe and reliable**  
IP66 protection  
SPD protection  
High and low temperature cycle test & HALT
- **Remote maintenance**  
Export power control  
Multiple monitoring methods, Pocket Wi-Fi/LAN/4G  
Remote setting and monitoring
- **Cost-efficient**  
24 hours operation monitoring  
Maximum 16A DC input current, support high power solar panel  
Intelligent load management - heat pump (Optional)

For More Informations Contact Us

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	X3-MIC-5K-G2-LV	X3-MIC-6K-G2-LV	X3-MIC-8K-G2-LV
<b>AC INPUT</b>			
Max. PV array input power [kWp]	10	12	16
Max. PV input voltage [V]		800	
Nominal input voltage [V]		360	
Startup voltage [V]		150	
MPP tracker voltage range [V]		120-650	
Max. input current(input A/input B) [A]		16/16	
Max. short circuit current(input A/input B) [A]		20/20	
No. of MPP trackers		2	
Strings per MPP tracker		1	
<b>AC OUTPUT</b>			
Nominal AC output power [kW]	5	6	8
Nominal AC output current [A]	13.2	15.8	21
Max. AC output active power [kW]	5.5	6.6	8.8
Max. AC output apparent power [kVA]	5.5	6.6	8.8
Max. AC output current [A]	14.5	17.4	23.1
Nominal AC voltage [V]		220/127, 3/N/PE	
Nominal grid frequency [Hz]		50/60	
THDi (Rated power) [%]		<3	
Power factor (Rated power)		>0.99	
Displacement power factor		0.8 leading~0.8 lagging	
<b>EFFICIENCY</b>			
Max. efficiency [%]		98.3%	
<b>SYSTEM DATA</b>			
Max. efficiency [%]		98.3%	
Topology		Transformerless	
Protection level		IP66	
Operating temperature range [°C]		- 30 ~ + 60 (Derating above 45)	
Relative humidity [%]		1~100	
Cooling concept		Smart fan cooling	
Max. operation altitude [m]		4000 (Derating above 3000)	
Dimensions (WxHxD) [mm]		434 x 342 x 156	
Weight [kg]	17	18	18
Display		2LED + LCD(16*2 )	
Communication interfaces		USB/RS485/Pocket WiFi /(Optional: Pocket LAN/4G )	
<b>PROTECTION</b>			
DC Switch		YES	
Over/under voltage protection		YES	
DC isolation protection		YES	
DC reverse protection		YES	
Grid monitoring		YES	
DC injection monitoring		YES	
Back feed current monitoring		YES	
Residual current detection		YES	
Anti-islanding protection		YES	
Over temperature protection		YES	
SPD (DC/AC)		Type III / Type III	
<b>Standard</b>			
Safety Standard		EN/IEC 62109-1; EN/IEC 62109-2; NB/T 32004	
EMC		EN/IEC 61000; NB/T 32004	
Certification		NB/T 32004; IEC 61727; IEC 62116; VDE4110; VDE4105; EN50549; NRS097; G99; RD1699; PPDS2020; CEI0-21; CEI0-16; VFR 2019	