



NEW FROM SOLAX

X3-MIC G2



X3-MIC G2

3.0kW/4.0kW/5.0kW/6.0kW
8.0kW/10.0kW/12.0kW/15.0kW

Features

High-efficiency

- Maximum efficiency is up to 98.3%
- Low startup voltage, ultrawide MPPT voltage range
- 200% oversizing, 110% overloading output (except 15k model)
- Built-in shadow tracking function

Safe

- IP66 protection
- Integrated SPD

Smart

- Built-in export power control
- Remote setting and upgrading
- 24H real-time monitoring
- Intelligent load management-Heat pump (Optional)
- Multiple monitoring methods, Pocket Wi-Fi/LAN/4G(Optional)

Economic

- Ultra-high power density
- Maximum 16A DC input current, support for high power solar panel

For More Informations Contact Us

www.solaxpower.com

AU: +61 1300 476529

DE: +49 6142 4091664

Global: +86 571-56260008

UK: +44 2476 586998

NL: +31 (0) 852 737932

info@solaxpower.com
service@solaxpower.com





X3-MIC G2 (THREE PHASE)

| | X3-MIC-3.0-T-D | X3-MIC-4.0-T-D | X3-MIC-5.0-T-D | X3-MIC-6.0-T-D | X3-MIC-8.0-T-D | X3-MIC-10.0-T-D | X3-MIC-12.0-T-D | X3-MIC-15.0-T-D |
|---|---|----------------|----------------|----------------|----------------|-------------------|-----------------|-----------------|
| DC INPUT | | | | | | | | |
| Max. PV array input power [Wp] | 6000 | 8000 | 10000 | 12000 | 16000 | 20000 | 24000 | 30000 |
| Max. PV input voltage [V] | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Startup voltage [V] | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |
| Nominal input voltage [V] | 640 | 640 | 640 | 640 | 640 | 640 | 640 | 640 |
| MPP tracker voltage range [V] | 120~980 | 120~980 | 120~980 | 120~980 | 120~980 | 120~980 | 120~980 | 120~980 |
| No. of MPP trackers/Strings per MPP tracker | 2(1/1) | 2(1/1) | 2(1/1) | 2(1/1) | 2(1/1) | 2(1/1) | 2(2/1) | 2(2/1) |
| Max. input current(input A/input B) [A] | 16/16 | 16/16 | 16/16 | 16/16 | 16/16 | 16/16 | 32/16 | 32/16 |
| Max. short circuit current(input A/input B) [A] | 18/18 | 18/18 | 18/18 | 18/18 | 18/18 | 18/18 | 36/18 | 36/18 |
| AC OUTPUT | | | | | | | | |
| Nominal AC output power [W] | 3000 | 4000 | 5000 | 6000 | 8000 | 10000 | 12000 | 15000 |
| Nominal AC output current [A] | 4.3 | 5.8 | 7.2 | 8.7 | 11.6 | 14.5 | 17.4 | 21.7 |
| Max. AC output apparent power [VA] | 3300 | 4400 | 5500 | 6600 | 8800 | 11000 | 13200 | 15000 |
| Max. AC output current [A] | 4.8 | 6.4 | 8.0 | 9.6 | 12.8 | 16.0 | 19.1 | 22.7 |
| Nominal AC voltage [V] | 230/400 3~/N/PE | | | | | | | |
| Nominal grid frequency/Grid frequency [Hz] | 50/60 | | | | | | | |
| Displacement power factor | 0.8 leading~0.8lagging | | | | | | | |
| THDi (rated power) [%] | <3 | | | | | | | |
| SYSTEM DATA | | | | | | | | |
| Max. efficiency [%] | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| Euro. efficiency [%] | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| Standby consumption [W] @Night | <3 | | | | | | | |
| Ingress protection | IP66 | | | | | | | |
| Operating temperature range [°C] | -30~+60 (Derating above 45) | | | | | | | |
| Max. operation altitude [m] | 4000(Derating above 3000) | | | | | | | |
| Humidity [%] | 0~100 | | | | | | | |
| Typical noise emission [dB] | <30 | <30 | <30 | <30 | <45 | <45 | <50 | <50 |
| Storage temperature [°C] | -30~+60 | | | | | | | |
| Dimensions(WxHxD) [mm] | 434*342*144.5 | | | | | 434*342*156 | | |
| Weight [kg] | 15.8 | 15.8 | 15.8 | 15.8 | 16.9 | 16.9 | 17.5 | 17.5 |
| Cooling concept | Natural cooling | | | | | Smart fan cooling | | |
| Communication interfaces | USB / RS485 / Wi-Fi(optional) / Pocket Lan (optional)/4G (optional)/ DRM /Adapter box(optional) | | | | | | | |
| PROTECTION | | | | | | | | |
| 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 TEMP protection | YES | | | | | | | |
| SPD | YES | | | | | | | |

*Can be modified without notice.(V2)