



NEW FROM SOLAX X1-MINI G4



X1-MINI G4

0.6kW / 0.7kW / 0.8kW
1.1kW / 1.5kW / 2.0kW / 2.5kW / 3.0kW
3.3kW / 3.7kW / 4.0kW

Features

Upgraded Performance

- DC Input: 200% oversizing, 16A current, 40~450V wider MPPT voltage range
- In-built global MPP scan for higher yields

Optimized Monitoring

- 10s level interval of data update (Optional)
- Multiple interfaces for presenting data

Advanced Safety

- AC/DC built-in Type II SPD (Optional) and I-V curve diagnosis supported
- Support external Rapid Shutdown device (RSD)
- Optional ARC detection (AFCI)
- Built-in export control function

Flexible Adaptability

- Adapt to Home EV Charger Solution
- Mass management and broad extension via Datahub
- Extendable parallel solution via Modbus supported

Contact Us for More Information

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



| DC INPUT | 1200 | 1400 | 1600 | 2200 | 3000 | 4000 | 5000 | 6000 | 6600 | 7400 | 8000 |
|--|---|--------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|
| Max. PV array input power [Wp] | 1200 | 1400 | 1600 | 2200 | 3000 | 4000 | 5000 | 6000 | 6600 | 7400 | 8000 |
| Max. PV input voltage [V] | 450 | 450 | 450 | 450 | 450 | 450 | 550 | 550 | 550 | 550 | 550 |
| Startup voltage [V] | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Nominal input voltage [V] | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 |
| MPP tracker voltage range [V] | 40~450 | 40~450 | 40~450 | 40~450 | 40~450 | 40~450 | 40~550 | 40~550 | 40~550 | 40~550 | 40~550 |
| No. of MPP trackers / Strings per MPP tracker | 1/1 | | | | | | | | | | |
| Max. PV input current [A] | 16 | | | | | | | | | | |
| Isc PV Array Short Circuit current [A] | 22 | | | | | | | | | | |
| AC OUTPUT | | | | | | | | | | | |
| Rated AC output power [W] | 600 | 700 | 800 | 1100 | 1500 | 2000 | 2500 | 3000 | 3300 | 3700 | 4000 |
| Rated AC output current [A] | 2.6 | 3.1 | 3.5 | 4.8 | 6.5 | 8.7 | 10.9 | 13.1 | 14.4 | 16.1 | 17.4 |
| Max. AC output apparent power [VA] | 600 | 770 | 800 | 1210 | 1650 | 2200 | 2750 | 3300 | 3300 | 3700 | 4000 |
| Max. AC output current [A] | 3 | 3.5 | 3.7 | 5.5 | 7.5 | 10 | 12.5 | 15 | 15 | 18.5 | 20 |
| Nominal AC voltage/AC voltage range [V]** | 220/230/240;90~285 | | | | | | 220/230/240;90~290 | | | | |
| 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 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 |
| Euro. efficiency [%] | 96 | 96 | 96 | 96 | 97 | 97 | 97 | 97 | 97 | 97 | 97 |
| Standby consumption [W] @Night | <1 | | | | | | | | | | |
| Ingress protection | IP66 | | | | | | | | | | |
| Protection class | Class I | | | | | | | | | | |
| Over voltage category | II (DC),III (AC) | | | | | | | | | | |
| Operating ambient temperature range [°C] | -25~60 | | | | | | | | | | |
| Max. operation altitude [m] | <4000 | | | | | | | | | | |
| Humidity [%] | 0~100 | | | | | | | | | | |
| Typical noise emission [dB] | 25 | | | | | | | | | | |
| Storage temperature [°C] | -30~70 | | | | | | | | | | |
| Dimensions (WxHxD) [mm] | 290x206x120 | | | | | | | | | | |
| Weight [kg] | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| Cooling concept | Natural cooling | | | | | | | | | | |
| Communication interfaces | USB/RS485/DRM, Optional: Meter/CT * | | | | | | | | | | |
| 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 | | | | | | | | | | |
| Monitoring ground fault 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 II / Type II (Optional) | | | | | | | | | | |
| Arc-fault circuit interrupter (AFCI) | Optional | | | | | | | | | | |
| AC auxiliary power supply (APS) | Optional | | | | | | | | | | |
| DC Switch | Optional | | | | | | | | | | |
| STANDARD | | | | | | | | | | | |
| Safety | EN/IEC62109-1/2 | | | | | | | | | | |
| EMC | EN61000-6-1/2/3/4; EN61000-3-2/3/11/12 | | | | | | | | | | |
| Certification | IEC61727, EN50549, G98/G99, AS 4777.2, VDE4105, CEI 0-21, VFR | | | | | | | | | | |

* Not included in the package. Please purchase additionally.

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

* V1.3. Information may be subject to modify without notice.650.00030.00