



# 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