



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

Features

Upgraded Performance

- DC Input: 200% oversizing, 16A current, ultra wide MPPT voltage range
- In-built global MPP scan for higher yields

Optimized Monitoring

- 10s level interval of data update(Optional, new WiFi dongle required)
- 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

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DC INPUT

Max. PV array input power [Wp]	1200	1400	1600	2200	3000	4000	5000	6000	6600
Max. PV input voltage [V]	450	450	450	450	450	450	550	550	550
Startup voltage [V]	50	50	50	50	50	50	50	50	50
Nominal input voltage [V]	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
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
Rated AC output current [A]	2.6	3.1	3.5	4.8	6.5	8.7	10.9	13.1	14.4
Max. AC output apparent power [VA]	600	770	800	1210	1650	2200	2750	3300	3300
Max. AC output current [A]	3	3.5	3.7	5.5	7.5	10	12.5	15	15
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
Euro. efficiency [%]	96	96	96	96	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
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

* V1.4. Information may be subject to modify without notice.650.00030.00