

NEW FROM SOLAX

X1-MINI G4



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0.6KW / 0.7kW / 1.1kW / 1.5kW
2.0kW / 2.5kW / 3.0kW / 3.3kW

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 Shut Down 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

Contact Us for More Information

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DC INPUT

Max. PV array input power [Wp]	1200	1400	2200	3000	4000	5000	6000	6600
Max. PV input voltage [V]	450	450	450	450	450	550	550	550
Startup voltage [V]	50	50	50	50	50	50	50	50
Nominal input voltage [V]	360	360	360	360	360	360	360	360
MPP tracker voltage range [V]	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. input current [A]	16							
Max. short circuit current [A]	22							

AC OUTPUT

Nominal AC output power [W]	600	700	1100	1500	2000	2500	3000	3300
Nominal AC output current [A]	2.6	3.1	4.8	6.5	8.7	10.9	13.1	14.4
Max. AC output apparent power [VA]	600	770	1210	1650	2200	2750	3300	3300
Max. AC output current [A]	3	3.5	5.5	7.5	10	12.5	15	15
Nominal AC voltage [V]	220/230/240							
Nominal grid frequency [Hz]	50/60							
Displacement power factor	0.8 leading~0.8 lagging							
THDi (Rated power) [%]	<3							

SYSTEM DATA

Max. efficiency [%]	98	98	98	98	98	98	98	98
Euro. efficiency [%]	95	95	95.5	96	96.5	96.5	96.5	96.5
Standby consumption [W] @Night	<1							
Ingress protection	IP66							
Protection class	Class I							
Over voltage category	II (DC), III (AC)							
Operating 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]	297x206x120							
Weight [kg]	5.2	5.2	5.2	5.2	5.2	5.5	5.5	5.5
Cooling concept	Nature cooling							
Communication interfaces	Pocket WiFi/(Optional: Pocket LAN/4G)/RS485/DRM/USB/(Optional: CT/Meter)							

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 (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