



NEW FROM SOLAX

X1-MINI G4



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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

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DC INPUT

| | | |
|-----------------------------------------------|--------|--------|
| Max. PV array input power [Wp] | 7400 | 8000 |
| Max. PV input voltage [V] | 550 | 550 |
| Startup voltage [V] | 50 | 50 |
| Nominal input voltage [V] | 360 | 360 |
| MPP tracker voltage range [V] | 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] | 3700 | 4000 |
| Rated AC output current [A] | 16.1 | 17.4 |
| Max. AC output apparent power [VA] | 3700 | 4000 |
| Max. AC output current [A] | 18.5 | 20 |
| Nominal AC voltage/AC voltage range [V]** | | 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 |
| Euro. efficiency [%] | 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] | 5.5 | 5.5 |
| Cooling concept | | Smart 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 |

STANDARD

| | |
|---------------|---------------------------------------------------------------|
| Safety | EN/IEC62109-1/2 |
| 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

* V1.0. Information may be subject to modify without notice.