



NEW FROM SOLAX

X1-MINI G3










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0.6kW/0.7kW/1.1kW/1.5kW
2.0kW/2.5kW/3.0kW/3.3kW/3.6kW



Features

-  Small and compact size
-  150% oversizing and 110% overloading
-  Max. DC input 14A per string
-  Low startup voltage and wide MPPT range
-  CT/Meter compatibility
-  Built-in SPD on both AC and DC side
-  Remote upgrade and maintenance

Contact Us for More Information

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DC INPUT

Max. PV array input power [Wp]	900	1050	1650	2250	3000	3750	4500	4950	5400
Max. PV input voltage [V]	450	450	450	450	450	550	550	550	550
Startup voltage [V]	50	50	50	50	50	70	70	70	70
Nominal input voltage [V]	360	360	360	360	360	360	360	360	360
MPP tracker voltage range [V]	45 ~ 430	45 ~ 430	45 ~ 430	50 ~ 430	50 ~ 430	55 ~ 530	55 ~ 530	55 ~ 530	55 ~ 530
No. of MPP trackers / Strings per MPP tracker	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Max. PV input current [A]	14	14	14	14	14	14	14	14	14
Isc PV Array Short Circuit current [A]	16	16	16	16	16	16	16	16	16

AC OUTPUT

Rated AC output power [W]	600	700	1100	1500	2000	2500	3000	3300	3680
Rated AC output current [A]	2.61	3.04	4.78	6.52	8.7	10.8	13.04	14.3	16
Max. output apparent power [VA]	660/600 (for VDE4105)	770	1210	1650	2200	2750	3300	3300	3680
Max. AC output current [A]	2.9	3.3	5.3	7.2	9.6	11.9	14.3	14.3	16
Nominal AC voltage / AC voltage range [V]*	220/230/240; 180--280								
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								
Euro. efficiency [%]	95.00	95.00	95.50	96.00	96.50	96.50	96.50	96.50	96.50
Standby consumption [W] @Night	0								
Ingress protection	IP66								
Operating ambient temperature range [°C]	-25 ~ +60 (derating at 45)								
Max. operation altitude [m]	≤2000								
Humidity [%]	0~100 (condensation)								
Typical noise emission [dB]	30								
Storage temperature [°C]	-30~+70								
Dimensions (WxHxD) [mm]	267 x 328 x 126								
Net weight [kg]	6	6	6	6	6	8.3	8.3	8.3	8.3
Cooling concept	Natural cooling								
Communication interfaces	RS485 / DRM/USB, Optional: CT / Meter								
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	YES								

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, RD1699, UNE 206007-1, VFR								