










NEW FROM SOLAX

X1-BOOST G3



Features

-  Remote upgrade and maintenance
-  150% oversizing and 110% overloading
-  14A Max. DC input 14A per string
-  AC/DC built-in SPD
-  Support CT sensor and zero injection control
-  Easy to install and setup
-  24h monitoring (on-grid)

X1-BOOST G3

3.0kW/3.3kW/3.6kW/4.2kW
4.6kW/5.0kW/5.5kW/6.0kW

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X1-3.0-T-D(L) X1-3.3-T-D(L) X1-3.6-T-D(L) X1-4.2-T-D(L) X1-4.6-T-D(L) X1-5.0-T-D(L) X1-5.5-T-D(L) X1-6.0-T-D(L)
X1-3.0-T-N(L) X1-3.3-T-N(L) X1-3.6-T-N(L) X1-4.2-T-N(L) X1-4.6-T-N(L) X1-5.0-T-N(L) X1-5.5-T-N(L) X1-6.0-T-N(L)

DC INPUT

Max. PV array input power [Wp]	4500	4950	5400	6300	6900	7500	8250	9000
Max. DC input voltage [V]	600	600	600	600	600	600	600	600
Startup voltage [V]	100	100	100	100	100	100	100	100
Nominal input voltage [V]	360	360	360	360	360	360	360	360
MPP tracker voltage range [V]	70 ~ 580	70 ~ 580	70 ~ 580	70 ~ 580	70 ~ 580	70 ~ 580	70 ~ 580	70 ~ 580
No. of MPP trackers / Strings per MPP tracker	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1
Max. input current(Input A/Input B) [A]	14/14	14/14	14/14	14/14	14/14	14/14	14/14	14/14
Max. short circuit current(Input A/Input B) [A]	16/16	16/16	16/16	16/16	16/16	16/16	16/16	16/16

AC OUTPUT

Nominal AC output power [W]	3000	3300	3680	4200	4600	5000*	5500	6000
Nominal AC output current [A]	13	14.3	16	18.3	20	21.7	23.9	26.1
Max. output apparent power [VA]	3300	3630	4048(3680 for G98/TOR)	4620	5060	5500*	6050	6600(4600 for VDE4105)
Max. AC output current [A]	14.3	15.8	17.6(16 for G98/TOR)	20.1	22	23.9*	26.3	28.7(20 for VDE4105)
Nominal AC voltage [V]	220/230/240; 180~280							
Nominal grid frequency/Grid frequency range [Hz]	50/60; ±5							
Displacement power factor	0.8 leading ~ 0.8 lagging							
THDi (Rated power) [%]	<2							

SYSTEM DATA

Max. Efficiency [%]	97.80							
Euro. Efficiency [%]	97.00							
Standby consumption [W] @Night	<2							
Degree of Protection	IP66							
Operating temperature range [°C]	-25~+60(Derating at 45°C)							
Max. operation altitude [m]	≤3000							
Humidity [%]	0~100(Condensing)							
Typical noise emission [dB]	30							
Storage temperature [°C]	-30~+70							
Dimensions(WxHxD) [mm]	341.5*430*143							
Net weight [kg]	13.5	13.5	13.5	15	15	15	15	15
Cooling concept	Natural Cooling							
Communication interfaces	Pocket Wi-Fi/(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	YES

STANDARD

Safety	EN/IEC62109-1/-2
EMC	EN61000-6-1/2/3/4;EN61000-3-2/3/11/12
Certification	IEC61727/G98/G99/ AS/NZS 4777.2/VDE4105/EN50549/CEI 0-21/RD1699/UNE 206007-1/VFR and so on

* 5000 (4600 for VDE4105; 4999 for AS4777; 5000 for C10/11) / 5500 (4600 for VDE4105; 4999 for AS4777) / 23.9 (20 for VDE4105; 21.7 for AS4777 and C10/11)

* V3.0. Information may be subject to modify without notice.650.00021.00