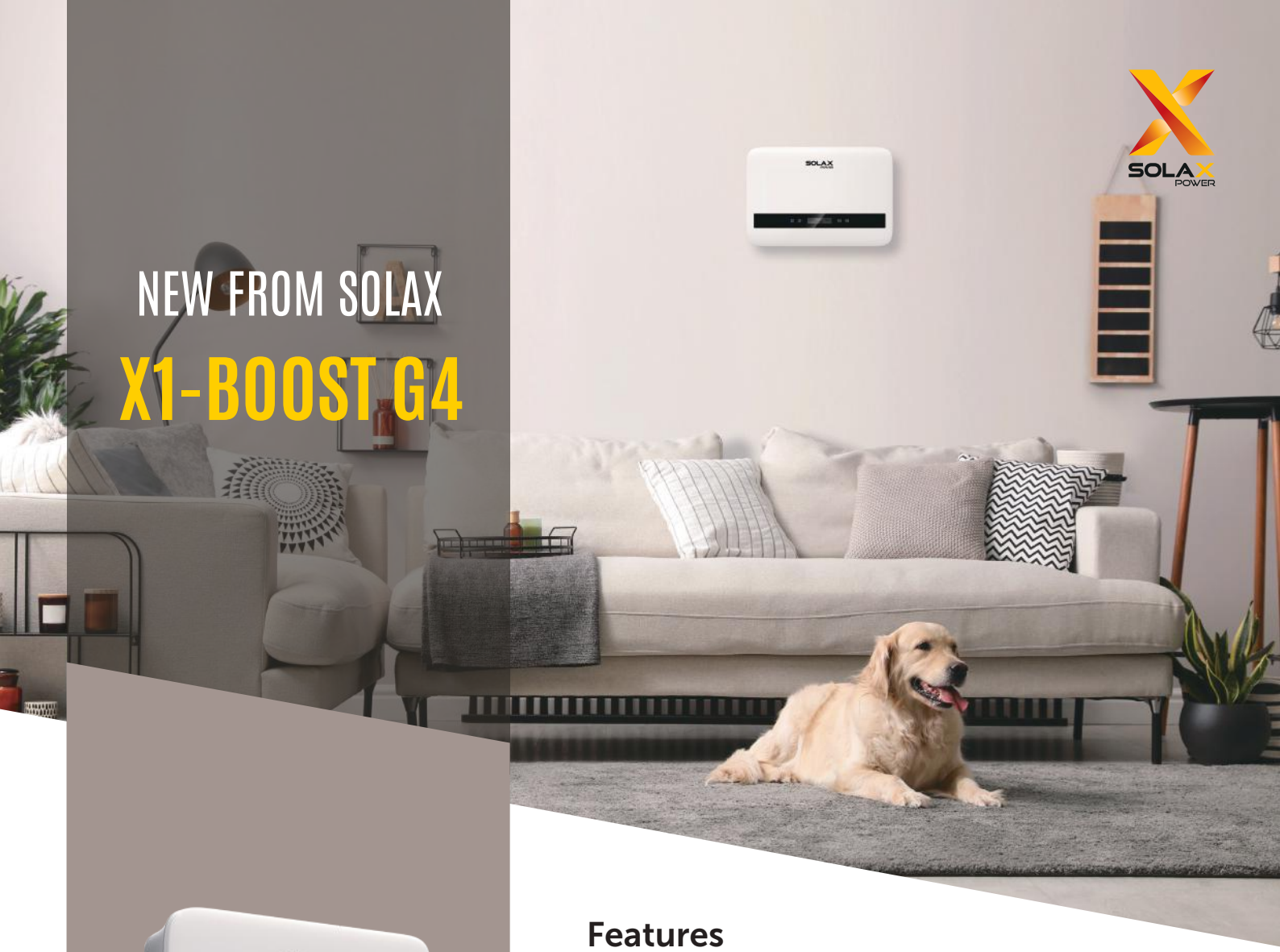

NEW FROM SOLAX

X1-BOOST G4

X1-BOOST G4

2.5kW / 3.0kW / 3.3kW / 3.6kW
4.0kW / 4.2kW / 5.0kW / 6.0kW

Features

Superior Performance

- DC Input: 200% oversizing, 16A current, 50V startup voltage
- In-built global MPP scan for higher yield efficiency

User Friendly Monitoring

- 10s level interval of data update(Optional, new WiFi dongle required)
- Quick and easy configuration (WiFi&APP)

Assured Safety & Reliability

- AC/DC built-in Type II SPD (Optional) and I-V curve diagnosis supported
- Optional external RSD (Rapid Shutdown) and integrated DC AFCI protection (Optional)
- In-built export control function

Superb Adaptability

- Home EV Charger and Heat Pump Solution adaptable
- Mass management and broad extension via Datahub
- Master/Slave parallel solution via Modbus supported

info@solaxpower.com
service@solaxpower.com

Contact Us for More Information

www.solaxpower.com
Global: +86 571-56260008
AU: +61 1300 476529
UK: +44 2476 586998
DE: +49 6142 4091664
NL: +31 (0) 852 737932

X1-BOOST G4

	X1-BOOST-2.5K-G4	X1-BOOST-3K-G4	X1-BOOST-3.3K-G4	X1-BOOST-3.6K-G4	X1-BOOST-4K-G4	X1-BOOST-4.2K-G4	X1-BOOST-5K-G4	X1-BOOST-6K-G4
DC INPUT								
Max. PV array input power [Wp]	6000	6000	6600	7200	8000	8000	10000	12000
Max. PV input voltage [V]	600	600	600	600	600	600	600	600
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]	40~560	40~560	40~560	40~560	40~560	40~560	40~560	40~560
No. of MPP trackers / String per MPP tracker	2 / 1							
Max. PV input current[A]	16 / 16							
Isc PV Array Short Circuit current [A]	22 / 22							
AC OUTPUT								
Rated AC output power [W]	2500	3000	3300	3680	4000	4200	5000①	6000
Rated AC output current [A]	10.9	13.1	14.4	16	17.4⑥	18.3	21.7	26.1
Max. AC output apparent power [VA]	2750	3300	3630	4048④	4000	4620	5000②	6000
Max. AC output current [A]	12	14.4	15.8	17.6⑤	17.4⑥	20.1	21.7③	27.3
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	0.8leading~0.8lagging							
THDi (rated power) [%]	<3							
SYSTEM DATA								
Max. Efficiency [%]	98							
Euro. Efficiency [%]	97							
Standby consumption [W] @Night	<3							
Ingress protection	IP66							
Operating ambient temperature range [°C]	-25~60							
Max. operation altitude [m]	4000							
Relative humidity [%]	0~100							
Typical noise emission [dB]	25⑦							
Storage temperature [°C]	-30~70							
Dimensions (W × H × D) [mm]	404x274x146							
Weight [kg]	11							
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	IEC / EN 62109-1 / -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, PPDS, TOR							

① 5000 (4600 for VDE4105, 4999 for AS4777.2) ② 5000 (4600 for VDE4105, 4999 for AS4777.2) ③ 21.7 (20 for VDE4105) ④ 4048 (3680 For G98/G99, TOR and PPDS) ⑤ 17.6 (16 For G98/G99, TOR and PPDS)
⑥ For models with internal fan(Optional), typical noise emission is 30 dB
* 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.650.00029.00*