



X3-PRO G2



NEW FROM SOLAX X3-PRO G2



Features

High-efficiency

- Maximum efficiency is up to 98.5%
- Low Startup voltage, ultrawide MPPT voltage range
- 150% oversizing, 110% overloading output
- Built-in shadow tracking function

Safe

- SPD type II protection both AC&DC
- ARC protection (Optional)
- IP66 protection

Smart

- Built-in export power control
- Intelligent load management -Heat, pump (Optional)
- Remote setting and upgrading
- Multiple monitoring methods, Pocket Wi-Fi/LAN/4G(optional)

Economic

- Ultra-high power density
- Maximum 16A DC input current, support for high power solar panel
- Up to 3 MPPTs, 2 strings per channel

For More Informations Contact Us

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



info@solaxpower.com
service@solaxpower.com

DC INPUT	X3-PRO-9A-G2	X3-PRO-10K-G2	X3-PRO-12K-G2	X3-PRO-15K-G2	X3-PRO-17K-G2	X3-PRO-20K-G2	X3-PRO-24K-G2	X3-PRO-30K-G2
Max. PV array input power [Wp]	12000	15000	18000	22500	25500	30000	37500	45000
Max. PV input voltage [V]	1100	1100	1100	1100	1100	1100	1100	1100
Start startup voltage [V]	200	200	200	200	200	200	200	200
Nominal input voltage [V]	650	650	650	650	650	650	650	650
MPPT tracker voltage range [V]	160-980							
No. of MPPT trackers	2	2	2	2	2	2	3	3
Strings per MPPT tracker	2	2	2	2	2	2	2	2
Max. input current(input A/input B) [A]	32/32	32/32	32/32	32/32	32/32	32/32	32/32/32	32/32/32
Max. short circuit current(input A/input B) [A]	40/40	40/40	40/40	40/40	40/40	40/40	40/40/40	40/40/40

AC OUTPUT									
Normal AC output power [W]	8000	10000	12000	15000	17000	20000	25000	30000	
Nominal AC output current [A]	12.0	14.5	17.5	22.0	25.0	30.5	38.0	45.5	
Max. AC output apparent power [VA]	8800	11000	13200	16500	18700	22000	27500	33000	
Max. AC output current [A]	13.2	16	19.5	24.2	27.5	33.6	41.8	49.5	
Nominal AC voltage [V]	230/400, 3-/N/PE, 3-/PE								
Nominal grid frequency/Grid frequency [Hz]	50/60								
Displacement power factor	0.8 leading ~-0.8 lagging								
THD(rated power) [%]	<3								

SYSTEM DATA

Max. efficient [%]	98.20	98.20	98.20	98.30	98.30	98.30	98.50	98.50	
Euro efficient [%]	97.70	97.70	97.70	97.80	97.80	97.80	98.00	98.00	
Standby consumption [W] @night	<1								
Degree of protection	IP66								
Operating temperature range [°C]	-30~+60 (Derating above 45)								
Max. operation altitude [m]	4000 (Derating above 3000)								
Humidity [%]	0-100								
Typical noise emission [dB]	<35	<35	<35	<35	<35	<35	<35	<35	
Storage temperature [°C]	-30~+60								
Dimensions(W×H×D) [mm]	482×417×181								
Weight [kg]	24.5								
Cooling concept	Natural cooling								
Communication interfaces	USB/RS485 / Pocket Wi-Fi / Pocket 4G(Optional) / DNM / Adapter board(Optional)								
PROTECTION									
Over/under voltage protection	YES								
DC isolation protection	YES								
Grid monitoring	YES								
DC injection monitoring	YES								
Residual current detection	YES								
Anti-standing protection	YES								
Over Temp protection	YES								
SPD	Type II								
ARC protection	OPT								

STANDARD

Safety	IEC62109-4/IEC62109-2 / IEC62040								
EMC	EN 61000-6-1 / EN 61000-6-2 / EN 61000-6-3								
Certification	VDE 0126 / AS 4777 / CCC								

*Can be modified without notice (V2)