



# NEW FROM SOLAX X3-PRO G2



## X3-PRO G2

8.0kW/10.0kW/12.0kW/15.0kW  
17.0kW/20.0kW/25.0kW/30.0kW

### Features

#### High-efficiency

- Maximum efficiency is up to 98.5%
- Low startup voltage, ultrawide MPPT voltage range
- 150% DC oversizing, 110% AC overloading output
- In-built global MPP scan for higher yield efficiency

#### Safe

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

#### Smart

- Built-in export power control
- Intelligent load management - heat pump (Adapter Box required)
- 24h monitoring and maintenance (Optional)
- Multiple monitoring methods, Pocket WiFi/LAN (Optional)/4G (Optional)

#### Economic

- Ultra-high power density
- Maximum 32A DC input current per MPP tracker, support high power solar panels
- Up to 3 MPPTs, 2 strings per MPPT

#### Contact Us For More Information

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# X3-PRO G2

X3-PRO-8K-G2 X3-PRO-10K-G2 X3-PRO-12K-G2 X3-PRO-15K-G2 X3-PRO-17K-G2 X3-PRO-20K-G2 X3-PRO-25K-G2 X3-PRO-30K-G2

## DC INPUT

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
MPP tracker voltage range [V]	160~980							
No. of MPP trackers	2	2	2	2	2	2	3	3
Strings per MPP tracker	2	2	2	2	2	2	2	2
Max. input current per MPPT [A]	32/32	32/32	32/32	32/32	32/32	32/32	32/32/32	32/32/32
Max. short circuit current per MPPT [A]	40/40	40/40	40/40	40/40	40/40	40/40	40/40/40	40/40/40

## AC OUTPUT

Nominal AC output power [W]	8000	10000	12000	15000	17000	20000	25000	30000
Nominal AC output current [A]	12.2/11.6	15.2/14.5	18.2/17.4	22.8/21.8	25.8/24.7	30.3/29	37.9/36.3	45.5/43.5
Max. AC output apparent power [VA]	8800	11000	13200	16500	18700	22000	27500	30000
Max. AC output current [A]	13.2	16	19.3	24.2	27.5	33.6	41.8	45.5
Nominal AC voltage [V]	220/380, 230/400, 3/N/PE, 3/PE							
Nominal grid frequency [Hz]	50/60							
Displacement power factor	0.8 leading ~ 0.8 lagging							
THDi (Rated power) [%]	<3							

## SYSTEM DATA

Max. efficiency [%]	98.20	98.20	98.20	98.30	98.30	98.30	98.50	98.50
Euro efficiency [%]	97.70	97.70	97.70	97.80	97.80	97.80	98.00	98.00
Standby consumption(Night) [W]	<3							
Ingress protection	IP66							
Operating temperature range [°C]	-30~+60 (Derating above 45)							
Max. operation altitude [m]	4000 (Derating above 3000)							
Relative humidity [%]	0~100							
Typical noise emission [dB]	<35	<35	<35	<55	<55	<55	<55	<58
Storage temperature [°C]	-30~+60							
Dimensions (WxHxD) [mm]	482x417x181							
Weight [kg]	24.5			26			28	
Cooling concept	Natural cooling				Smart fan cooling			
Communication interfaces	USB / RS485 / DRM / Pocket WiFi (Optional: Pocket LAN/4G) / Adapter box (Optional)							

## PROTECTION

Over/under voltage protection	YES
DC isolation protection	YES
Grid monitoring	YES
DC injection monitoring	YES
Residual current detection	YES
Anti-islanding protection	YES
Over Temp protection	YES
SPD (DC/AC)	Type II / Type II
AC auxiliary power supply (APS)	Optional
Arc-fault circuit interrupter (AFCI)	Optional

## STANDARD

Safety	IEC/EN 62109-1; IEC/EN 62109-2; NB/T 32004
EMC	IEC/EN 61000; NB/T 32004
Certification	VDE4105; EN 50549; AS 4777.2; VDE4105; IEC 61727; IEC 62116; IEC 61683; IEC 60068; EN 50530; NB/T 32004

\*V2.2. Information may be subject to modify without notice. 650.00004.00