

NEW FROM SOLAX

X3-PRO G2



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8.0K-T-D/10.0K-T-D/12.0K-T-D/15.0K-T-D
17.0K-T-D/20.0K-T-D/25.0K-R-D/30.0K-R-D

SOLAX PREMIUM HYBRID SYSTEM PRODUCTS SINCE 2009 – THE 4. GENERATION NOW AVAILABLE

Features

High-efficiency

- Maximum eficiency 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(optinal)

Economic

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

SolaX mains inverters purchased from GBC Solino s.r.o. after registration, they have a free extension of the warranty to 10 years for the power series 8/10/12 kW and 11 years for the power series 15/17/20/25/30 kW

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	X3-PRO-8.0K-T-D	X3-PRO-10.0K-T-D	X3-PRO-12.0K-T-D	X3-PRO-15.0K-T-D	X3-PRO-17.0K-T-D	X3-PRO-20.0K-T-D	X3-PRO-25.0K-R-D	X3-PRO-30.0K-R-D
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(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								
Nominal 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	19.3	24.2	27.5	33.6	41.8	45.5
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							
THDi,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	<55	<55	<55	<55	<55
Storage temperature [°C]	-30~+60							
Dimensions[WxHxD] [mm]	482x417x181							
Weight [kg]	24.5			27.5			28	
Cooling concept	Natural cooling			Smart fan cooling				
Communication interfaces	USB/RS485 / Pocket Wi-Fi / Pocket 4G(Optional) / DRM / 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	Type II							
ARC protection	OPT							
STANDARD								
Safety	IEC62109-1/ICE62109-2 / IEC62040							
EMC	EN 61000-6-1 / EN 61000-6-2 / EN 61000-6-3							
Certification	VDE 0126 / AS 4777 / CQC							

**Can be modified without notice.(V2)*