



NEW FROM SOLAX

X3-PRO-G2-LV



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10.0kW/12.0kW/15.0kW

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)
- 24 hours operation monitoring
- Multiple monitoring methods, Pocket Wi-Fi/LAN/4G (Optional)

Economic

- Ultra-high power density
- Maximum 16A DC input current, support high power solar panel

Contact Us More Information

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INPUT(DC)

Max. PV array input power [kWp]	20	24	30
Max. PV input voltage [V]		800	
Nominal input voltage [V]		360	
Startup voltage [V]		200	
MPP tracker voltage range [V]		160-650	
Max. input current [A]		32/32	
Max. short circuit current [A]		40/40	
No. of MPP trackers		2	
Strings per MPP tracker		2	

OUTPUT(AC)

Nominal AC output power [kW]	10	12	15
Nominal AC output current [A]	26.3	31.5	39.4
Max. AC output active power [kW]	11	13.2	16.5
Max. AC output current [A]	28.9	34.7	43.4
Nominal AC voltage [V]		220/127, 3/N/PE, 3/PE	
Nominal grid frequency [Hz]		50/60	
THDi(rated power) [%]		<3	
Power factor(rated power)		>0.99	
Displacement power factor		0.8 leading~0.8 lagging	

SYSTEM DATA

Max. efficiency [%]	98.3%	98.5%	98.5%
Topology		Transformerless	
Protection level		IP66	
Operating temperature range [°C]		-30 ~ + 60 (Derating above 45)	
Relative humidity [%]		1 ~ 100	
Cooling concept		Smart fan cooling	
Max. operation altitude [m]		4000 (Derating above 3000)	
Dimensions (WxHxD) [mm]		482x417x181	
Weight [kg]	27.5	28	28
Display		LCD (16x2)	
Communication interfaces		USB/RS485/Pocket WiFi /(Optional: Pocket LAN/4G)	

PROTECTION

DC Switch		YES	
Over/under voltage protection		YES	
DC reverse protection		YES	
DC isolation protection		YES	
Grid monitoring		YES	
DC injection monitoring		YES	
Residual current detection and protection		YES	
Back feed current monitoring		YES	
Anti-islanding protection		YES	
SPD (DC/AC)		Type II / Type II	
Residual current detection and protection		YES	
Over temperature protection		YES	

STANDARD

Safety	EN/IEC 62109-1; EN/IEC 62109-2; NB/T 32004		
EMC	EN/IEC 61000; NB/T 32004		
Certification	NB/T 32004; IEC 61727; IEC 62116; VDE4110; VDE4105; EN50549; NRS097; G99; RD1699; PPDS2020; CEI0-21; CEI0-16; VFR 2019		