Fronus SOLAR ENERGY بھردے اجالا زندگی میں ®

SOLAX POWER

On-Grid Inverter

X3 PRO G2

IP66 **20KW / 25KW / 30KW**

MAXIMUM POWER

Smart Energy Solutions
for a Brighter Future!



IP66 Protection
Protect Inverter From Water &
Dust Particles

150% PV Oversizing
Can Install 200% Solar Panels

Heat Dissipation
Prevent Inverter from Overheating

Upto 98.5% Efficiency
Maximum Efficiency

SCAN QR CODE
For More Details

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SOLAX POWER

X3 PRO G2

DATA SHEET

DC INPUT	X3-PRO-20kW-G2	X3-PRO-25kW-G2	X3-PRO-30kW-G2
Max. PV array input power [Wp]	30000	37500	45000
Max. PV input voltage [V]	1100	1100	1100
Start startup voltage [V]	200	200	200
Nominal input voltage [V]	650	650	650
MPP tracker voltage range [V]		160~980	
No. of MPP trackers	2	3	3
Strings per MPP tracker	2	2	2
Max. PV input current [A]	32/32	32/32/32	32/32/32
Isc PV Array Short Circuit current [A]	40/40	40/40/40	40/40/40
AC OUTPUT			
Rated AC output power [kW]	20000	25000	30000②
Rated AC output current [A]*	30.3/29	37.9/36.3	45.5/43.5
Max. AC output apparent power [VA]	22000	27500	30000②
Max. AC output current [A]	33.6	41.8	45.5
Nominal AC voltage/AC voltage range [V]**		220/380V, 230/400V, 3/N/PE, 3/PE; 95-285V	
Nominal AC frequency/AC frequency range [Hz]**		50/60; ±5	
Power Factor range		0.8 leading ~ 0.8 lagging	
THDi (Rated power) [%]		<3	
SYSTEM DATA			
Max. efficiency [%]	98.30	98.50	98.50
Euro. efficiency [%]	97.80	98.00	98.00
Standby consumption (Night) [W]		<3	
Ingress protection		IP66	
Operating ambient temperature range [°C]		-30~+60 (Derating above 45)	
Max. operation altitude [m]		4000 (Derating above 3000)	
Relative humidity [%]		0~100	
Typical noise emission [dB]	<55	<55	<58
Storage temperature [°C]		-30~+60	
Dimensions (W×H×D) [mm]		482×417×181	
Weight [kg]		28	
Cooling concept		Smart fan cooling	
Communication interfaces		USB / RS485 / DRM, Optional: Meter	
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	
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		