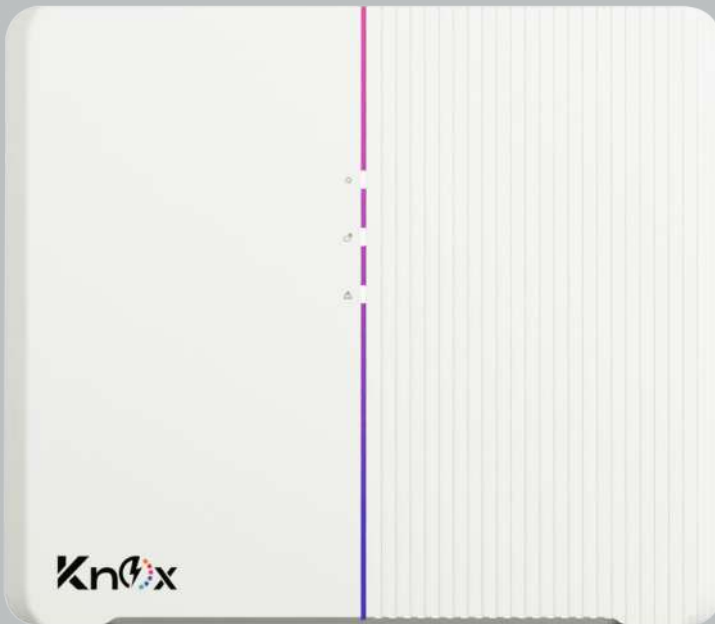


Three Phase Inverter 5 to 25kW

Xerox G4 Pro Series



Models:

G4 Pro 5K/8kpV
G4 Pro 6K/9kpV
G4 Pro 8K/12kpV
G4 Pro 10K/17kpV
G4 Pro 13K/20kpV
G4 Pro 15K/23kpV
G4 Pro 17K/26kpV
G4 Pro 20K/30kpV
G4 Pro 25K/38kpV



Easy-to-install

- Quick & easy-to-install with basic tools
- Quick setup and commissioning with Ai Solar apps
- Compact wall mount design
- All Aluminium Light weight casing
- International quality standards



Reliable

- 150 % PV array oversizing for higher yields
- IP66 rated design for outdoor use
- Dual MPPT for maximum efficiency.
- All-aluminium design helps reduce internal temperature.
- Built-in internal fan for heat circulation.



User-Friendly

- User friendly app interface
- Max 40A input current, ideal for bifacial and large area PV modules (depends on model)
- Wide MPP voltage range 150V-1000V
- LED indicators for quick analysis

Technical Datasheet

PRODUCT MODEL	G4 Pro 5K/8kpV	G4 Pro 6K/9kpV	G4 Pro 8K/12kpV	G4 Pro 10K/17kpV	G4 Pro 13K/20kpV	G4 Pro 15K/23kpV	G4 Pro 17K/26kpV	G4 Pro 20K/30kpV	G4 Pro 25K/38kpV
INPUT (DC)									
Max. PV array power	7500 Wp STC	9000 Wp STC	12000 Wp STC	18000 Wp STC	19500 Wp STC	22500 Wp STC	25500 Wp STC	30000 Wp STC	37500 Wp STC
Max. input voltage	1100 V								
MPP voltage range / rated input voltage	150 V to 1000 V / 630 V								
Min. input voltage	125 V								
Initial feed-in voltage	180 V								
Max. operating input current	16 A / 16 A		20A / 16 A	32 A / 20 A			32 A / 32 A	32 A / 20 A	40 A / 32 A
Max. short circuit current	25 A / 25 A		30 A / 25 A	48 A / 30 A			48 A / 48 A	48 A / 30 A	60 A / 48 A
No. of independent MPPT inputs / strings per MPPT input	2 / A:1; B:1			2 / A:2; B:1			2 / A:2; B:2		
OUTPUT (AC)									
Rated active power	5000 W	6000 W	8000 W	12000 W	13000 W	15000 W	17000 W	20000 W	25000 W
Rated apparent power	5000 VA	6000 VA	8000 VA	12000 VA	13000 VA	15000 VA	17000 VA	20000 VA	25000 VA
Max. apparent power	5500 VA	6600 VA	8800 VA	13200 VA	14300VA	16500 VA	18700 VA	22000 VA	27500 W
AC nominal voltage	220 V / 380 V 230 V / 400 V 240 V / 415 V								
AC voltage range	160 V to 300 V								
AC grid frequency / range	50 Hz / 45 Hz to 55 Hz 60 Hz / 55 Hz to 65 Hz								
Max. output current	8.0 A	9.6 A	12.8 A	19.1 A	20.7 A	24 A	27.1A	31.9 A	39.8A
Adjustable power factor range	0.8 leading to 0.8 lagging								
Feed-in phases	3 / 3-N-PE								
Harmonic distortion (THD) at rated output	< 3%								
EFFICIENCY & PROTECTION									
Max. efficiency / European efficiency	98.3% / 97.9%		98.6% / 98.2%						
DC switch	●								
Ground fault monitoring / grid monitoring	● / ●								
DC reverse polarity protection/ AC short circuit Protection	● / ●								
All-pole-sensitive residual-current monitoring unit	●								
Arc fault circuit interrupter (AFCI)	○								
Anti-islanding protection	●								
Surge protection	● / Type II								
Protection class (according to IEC 62109-1) / overvoltage category (according to IEC 62109-1)	I / AC: III; DC: II								
GENERAL DATA									
Dimensions (W / H / D)	503 / 435 / 183 mm								
Weight	16 kg			17 kg					18.6 kg
Operating temperature range	-25°C ... +60°C								
Self-consumption (at night)	<1W								
Topology	Non-isolated								
Cooling concept	Natural Convection			Active cooling					
Degree of protection (according to IEC 60529)	IP66								
Climatic category (according to IEC 60721-3-4)	4K4H								
Max. permissible value for relative humidity (non-condensing)	100%								
Max. operating altitude	3000 m								
FEATURES									
DC connection	Plug-in connector								
AC connection	Plug-in Connector								
Mounting type	Wall-mount bracket								
LED Indicators (Status / Fault / Communication)	●								
24/7 monitoring	●								
Communication interface	●/●/○/○ (RS485 / Wi-Fi / LAN / 4G)								
Country of manufacture	China								
Certificates and approvals (more available on request)	CE, EN50549, G98/99, VDE-AR-N4105, AS/NZS 4777, C10/C11, VFR 2014 & UTE C15, IEC62109, IEC62116, IEC61727, IEC61683, IEC60068, IEC61000, NB/T 32004								

● Standard features / ○ optional features / – not available

1) Zero export installations supported with 2-pin RS485 for connection to approved smart meters

Data at nominal conditions. All information is subject to change.