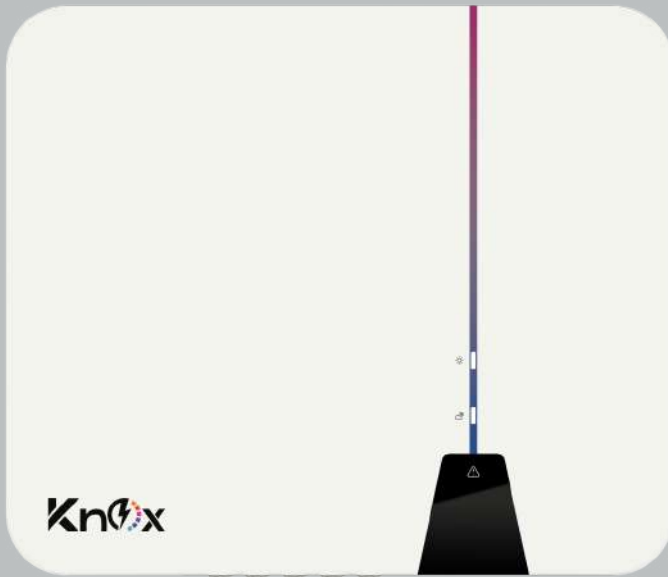


Three Phase Inverter 30kW

Xerox G4 Pro Series



Models:
G4 Pro 30K/45kpV



Easy-to-install

- Quick and easy-to-install with standard tools
- Compact wall mount design
- Setup, commissioning and monitoring via the Ai Solar app



Reliable

- Internationally accredited standards
- 150 % PV array oversizing for higher yields
- IP66 rated design for indoor and outdoor use



User-Friendly

- 20 A input current, ideal for bifacial and large area PV modules
- Wide MPP voltage range 150V-1000V
- ShadeSol - improved generation under non-ideal conditions

Technical Datasheet

PRODUCT MODEL	G4 Pro 30K/45kV
INPUT (AC)	
Max. PV array power	45000 Wp STC
Max. input voltage	1100 V
MPP voltage range / rated input voltage	150 V - 1000 V / 630 V
Min. input voltage	125 V
Initial feed-in voltage	180 V
Max. short circuit current	40 / 20 A / 40 A
Max. operating input current	50 A / 25 A / 50 A
No. of independent MPPT inputs / strings per MPPT input	3 / A:2; B:1; C:2
OUTPUT (AC)	
Rated active power	30000 W
Rated apparent power	30000 VA
Max. apparent power	33000 VA
AC nominal voltage	230 V / 380 V
AC voltage range	160 V - 300 V / 320 V - 520 V
AC grid frequency / range	50 Hz / 45 Hz - 55 Hz 60 Hz / 55 Hz - 65 Hz
Max. output current	47.8 A
Rated output current	43.5 A
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	98.6% / 98.3%
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)	488 / 425.5 / 179 mm
Weight	20.0 kg
Operating temperature range	-30 °C ... +60 °C
Self-consumption (at night)	< 1 W
Topology	Non-isolated
Cooling concept	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)	1
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)	●
Communication interface ¹	● / ● / O / O (RS485 / Wi-Fi / LAN / 4G)
Country of manufacture	China
Certificates and approvals (more available on request)	IEC62109-1 / IEC62109-2 / IEC62727 / IEC62683 / IEC62116

● 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.