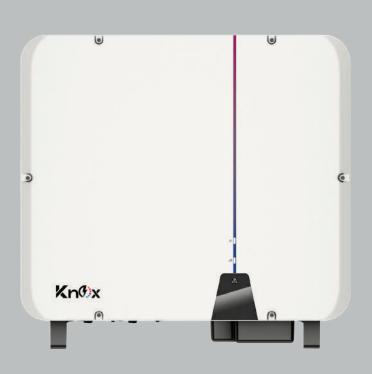




Xerox G4 Pro Series



Models: G4 Pro 60K/90kpV



Easy-to-install

- Phoenix Contact connectors for reliable tool-free DC connection
- Compact wall mount design
- Fuse-free design thereby reducing BOS cost
- Setup, commissioning and monitoring via the Ai Solar app



Reliable

- 150 % PV array oversizing for higher yields
- Up to 5 MPPT's for flexible PV array design
- Max. 20A input current per string, ideal for bifacial and large area PV modules
- ShadeSol improved generation under non-ideal conditions



User-Friendly

- Type II AC & DC Surge Protection
- Integrated DC switches
- IP66 rated design for outdoor use

Technical Datasheet

PROBLICT MODEL	OAD COV/COLV
PRODUCT MODEL	G4 Pro 60K/90kpV
INPUT (AC)	
Max. PV array power	90000WpSTC
Max. input voltage	1100 V
MPP voltage range / rated input voltage	200 V - 1000 V / 630 V
Min. input voltage	200 V
Initial. feed-in voltage	250 V
Max. short circuit current	40 A / 32 A / 32 A / 40 A / 32 A
Max. operating input current	60 A / 48 A / 60 A / 48 A
No. of independent MPPT inputs / strings per MPPT input	5/2
OUTPUT (AC)	
Rated active power	60000 W
Rated apparent power	60000 VA
Max. apparent power	60000 VA
AC nominal voltage	220V/380V 230V/400V
AC voltage range	180 V - 305 V / 312 V - 528 V
AC grid frequency / range	50Hz/45Hz-55Hz 60Hz/55Hz-65Hz
Max. output current	95.3 A
Rated output current	
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	I/AC:III; DC:II
category (according to IEC 62109-1) GENERAL DATA	
	679 1949 4679
Dimensions (W / H / D)	670 / 640 / 270 mm
Weight Operating temperature range	42.5 kg -25 °C+60 °C
Self-consumption (at night)	<1W
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)	100%
Max. operating altitude	4000 m
FEATURES	
DC connection	Plug-in connector
AC connection	OT/DT connector
Mounting type	Wall-mount bracket
LED indicators (Status / Fault / Communication)	•
	●/●/ ○/○
Communication interface ¹	(RS485 Wi-Fi/ LAN /4G)
Communication interface¹ Country of manufacture	

[•] standard features O optional features - not available

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



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