

Three Phase Inverter 60kW

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

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 / 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	220 V / 380 V 230 V / 400 V
AC voltage range	180 V - 305 V / 312 V - 528 V
AC grid frequency / range	50 Hz / 45 Hz - 55 Hz 60 Hz / 55 Hz - 65 Hz
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 category (according to IEC 62109-1)	I / AC: III; DC: II
GENERAL DATA	
Dimensions (W / H / D)	670 / 640 / 270 mm
Weight	42.5 kg
Operating temperature range	-25 °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)	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 interfaces ¹	● / ● / O / O (RS485 / Wi-Fi / LAN / 4G)
Country of manufacture	China
Certificates and approvals (more available on request)	CE, IEC 62109-1/2, IEC 61727, IEC 62116, IEC 61683, G98/G99, VDE4110, VDE4105, EN50549-1/2

● 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.