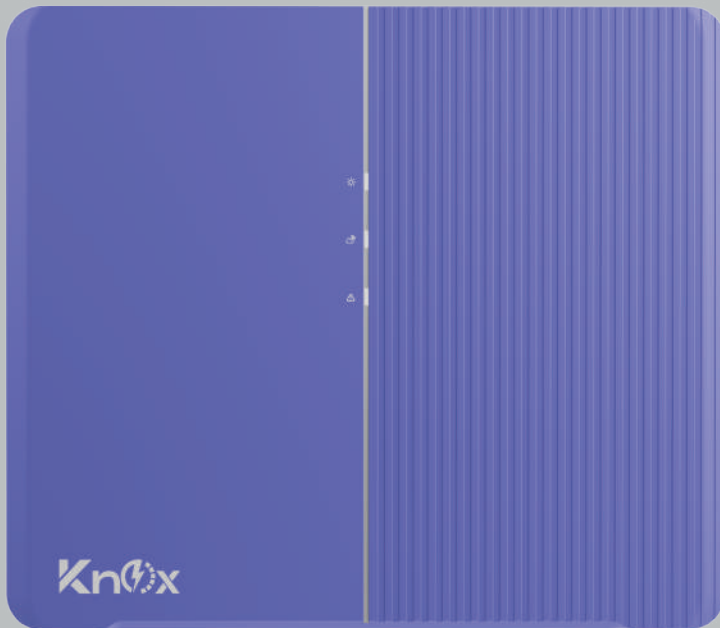


Three Phase Inverter 10kW

# Xerox G4 Series



Models:

G4 10K/15kpV



## Easy-to-install

- Quick & easy-to-install with basic tools
- Quick setup and commissioning with Ai Solar app
- 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 30A 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 10K/15kpV
<b>INPUT (DC)</b>	
Max. PV modules power (W)	15000 Wp STC
Max. input voltage (V)	1100
Initial feed-in voltage (V)	180
Min. input voltage (V)	125
Rated input voltage (V)	630
MPPT Voltage Range (V)	150 - 1000
Full load DC voltage range (V)	400 - 850
Max. DC input current (A)	20/16
Isc PV, Absolute current (A)	30/25
Number of MPPT Trackers	2
Strings per MPPT Tracker	1/1
<b>OUTPUT (AC)</b>	
Max. Output apparent power (VA)	11000
Rated Output power (W)	10000
Max. AC Output Current (A)	16.0
Nominal Grid Voltage (V)	3/3-N-PE
Nominal Frequency (Hz)	50/60
Power factor	0.80 leading to 0.8 lagging
<b>EFFICIENCY &amp; PROTECTION</b>	
Max. efficiency / European efficiency	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	●
Surge protection	● / Type II
Anti-Islanding protection	●
Night monitoring	○
Protection class (according to IEC 62109-1) / overvoltage category (according to IEC 62109-1)	I / AC: III; DC: II
<b>GENERAL DATA</b>	
Weight	16kg
Dimensions (W / H / D)	503/435/183 mm
Operating temperature range	-25°C ... +60°C
Self-consumption (at night)	< 1W
Topology	Non-isolated
Cooling concept	Natural Convection
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
<b>FEATURES</b>	
DC connection	Plug-in connector
AC connection	Plug-in Connector
AC grid frequency range	50 Hz / 45 Hz to 55 Hz 60 Hz / 55 Hz to 65 Hz
Mounting type	Wall-mount bracket
LED Indicators (Status / Fault / Communication)	●
Communication interface <sup>1&amp;2</sup>	Wi-Fi / RS485
Certificates and approvals (more available on request)	CE, IEC 62109-1 / IEC 62109-2 / IEC 61727 / IEC 62116 / IEC 61683