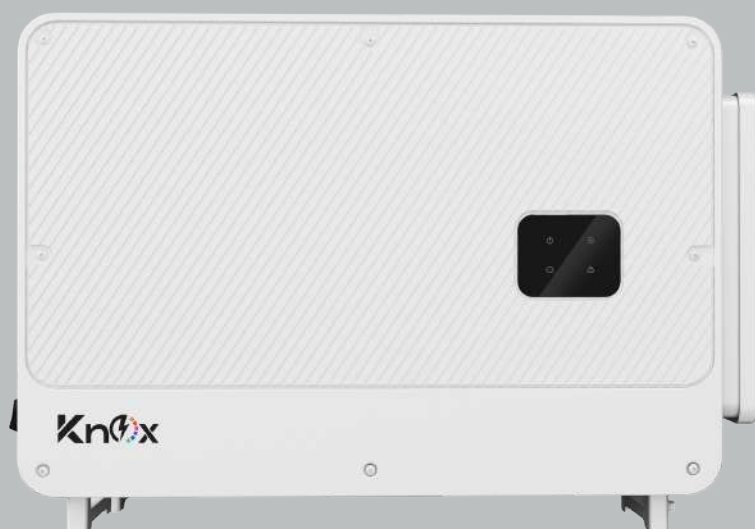


Three Phase Inverter 100-125kW

Xerox G4 Pro Series



Models:

G4 Pro 100K-LV

G4 Pro 110K-LV

G4 Pro 125K-LV

 **BUILT-IN
AFCI Protection**



Easy-to-install



Higher Yields



Reliable & Safe



Optimal Generation for Higher Return

- 21A DC input current per string
- 8/10 MPPTs, max. Efficiency 99.0%
- 150% DC input oversizing & 110% AC output overloading
- No derating at 45°C



Superb Safety & Reliability

- Type II SPD on AC & DC sides
- IP66 and optional C5 protection
- Built-in AFCI protection



Smart Control & Monitoring

- String level monitoring
- Remote or onsite upgrade supported



Friendly & Thought Design

- Lightweight design and high power density for easy installation
- Easy & quick replacement of fan
- Fuse free design

Technical Datasheet

PRODUCT MODEL	G4 Pro 100K-LV	G4 Pro 110K-LV	G4 Pro 125K-LV
INPUT			
Max. Input Voltage (V)	1100 ^{*11}	1100 ^{*11}	1100 ^{*11}
MPPT Operating Voltage Range (V) ^{*12}	180 ~ 1000	180 ~ 1000	180 ~ 1000
Start-up Voltage (V)	200		
Nominal Input Voltage (V)	600	600	600
Max. Input Current per MPPT (A)	42		
Max. Short Circuit Current per MPPT (A)	52.5		
Number of MPP Trackers	8	10	10
Number of Strings per MPPT	2		
OUTPUT			
Nominal Output Power (kW)	100 ^{*1}	110	125
Nominal Output Apparent Power (kVA)	100 ^{*1}	110	125
Max. AC Active Power (kW) ^{*3}	110.0 ^{*1}	121.0 ^{*4}	137.5 ^{*2}
Max. AC Apparent Power (kVA) ^{*3}	110.0 ^{*1}	121.0 ^{*4}	137.5 ^{*2}
Nominal Output Voltage (V)	220 / 380, 230 / 400, 3L / N / PE or 3L / PE		
Output Voltage Range (V)	304 ~ 460	304 ~ 460	304 ~ 460
Nominal AC Grid Frequency (Hz)	50 / 60		
AC Grid Frequency Range (Hz)	45 ~ 55 / 55 ~ 65		
Max. Output Current (A) ^{*5}	167.1	183.4	199.4
Power Factor	~ 1 (Adjustable from 0.8 leading to 0.8 lagging)		
Max. Total Harmonic Distortion	<3%		
EFFICIENCY			
Max. Efficiency	98.8%	98.8%	99.0%
European Efficiency	98.4%	98.4%	98.5%
PROTECTION			
PV String Current Monitoring	Integrated		
PV Insulation Resistance Detection	Integrated		
Residual Current Monitoring	Integrated		
PV Reverse Polarity Protection	Integrated		
Anti-islanding Protection	Integrated		
AC Overcurrent Protection	Integrated		
AC Short Circuit Protection	Integrated		
AC Overvoltage Protection	Integrated		
DC Switch	Integrated		
DC Surge Protection	Type II (Type I + II Optional)		
AC Surge Protection	Type II		
AFCI	Optional ^{*9}	Optional ^{*9}	Optional ^{*9}
Emergency Power Off	Optional	Optional	Optional
Rapid Shutdown	Optional		
Remote Shutdown	Optional	Optional	Optional
PID Recovery	Optional		
Reactive Power Compensation at Night	Optional	Optional	Optional
Power Supply at Night	Optional ^{*10}	Optional ^{*10}	Optional ^{*10}
GENERAL DATA			
Operating Temperature Range (°C)	-30 ~ +60		
Relative Humidity	0 ~ 100%		
Max. Operating Altitude (m)	4000		
Cooling Method	Smart Fan Cooling		
User Interface	LED, LCD (Optional), WLAN + APP		
Communication	RS485, WiFi + LAN or 4G or PLC (Optional)		
Communication Protocols	Modbus-RTU (SunSpec Compliant)		
Weight (kg)	85	88	88
Dimension (W × H × D mm)	930 × 650 × 300		
Topology	Non-isolated		
Self-consumption at Night (W)	<2	<2	<2
Ingress Protection Rating	IP66		
DC Connector	MC4 (4 ~ 6mm²)		
AC Connector	OT / DT terminal (Max. 240mm²)		

*1: For Australia is 99.99kW / kVA.

*2: For VDE4105 Max. AC Active Power (kW) and Max. AC Apparent Power (kVA): GW125K-GT is 134.9.

*3: For Chile and Brazil Max. AC Active Power (kW) and Max. AC Apparent Power (kVA): GW100K-GT is 100; GW110K-GT is 110; GW125K-GT is 125.

*4: For Australia is 110kW / kVA.

*5: For Australia Max. Output Current (A): GW100K-GT is 145, GW110K-GT is 159.5.

*6: For Colombia Max. AC Active Power (kW): GW75K-GT-LV-G10 is 70.9@208V.

*7: For Colombia Nominal Output Voltage (V): GW75K-GT-LV-G10 is 120 / 208, 3L / N / PE or 3L / PE.

*8: For Brazil and Colombia is Integrated.

*9: For Australia, GW100K-GT/GW110K-GT/GW125K-GT AFCI: Integrated.

*10: For Australia, GW100K-GT/GW110K-GT/GW125K-GT Power Supply at Night: Integrated.

*11: When the input voltage ranges from 1000V to 1100V, the inverter will enter the standby state. When the input voltage returns to the MPPT operating voltage range, the inverter will resume normal operating state.

*12: Please refer to the user manual for the MPPT Voltage Range at Nominal Power.

*: Please visit GoodWe website for the latest certificates.

*: All pictures shown are for reference only. Actual appearance may vary.