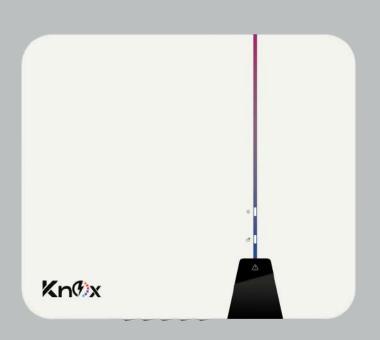




Xerox G4 Pro Series



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

Month Color	Technical Datasheet	
Man Pyrin drugspeer	PRODUCT MODEL	G4 Pro 30K/45kpV
MEP voltage programme 1500	INPUT (AC)	
Minimum Mini	Max. PV array power	45000WpSTC
Main Found Profession 1951 195	Max. input voltage	1100 V
May and the controllance May and Anni A	MPP voltage range / rated input voltage	150 V - 1000 V / 630 V
Max. opening correct Max. opening prior correct Sout Art Stand So	Min. input voltage	125 V
Mod risponder (MPPT Troub) **On Prince (MPPT Troub) **OFFITT (MPP	Initial. feed-in voltage	180 V
SA ABB ACC	Max. short circuit current	40/20A/40A
### STABLES CONTROLL OF THE PROPERTY OF THE P		50 A /25 A / 50 A
Read active aporest governer 300000 W		3/A2;Bt;C2
Nav. spanner power S0000 VA	OUTPUT (AC)	
Most apperent power S0000 VA ACC restains valvage S0000 VA ACC	Rated active power	30000 W
AC reminal rollage AC victorianal rollage AC	Rated apparent power	30000 VA
AC yellogramys AC ye	Max. apparent power	33000 VA
AC grid frequency / range AC grid frequency /	AC nominal voltage	230V/380V
Mac output current	AC voltage range	160 V - 300 V / 320 V - 520 V
Ratio Corport commit	AC grid frequency / range	50Hz/45Hz-55Hz 60Hz/55Hz-65Hz
Adjustable power factor range	Max. output current	47.8A
Fed-inplates	Rated output current	43.5 A
Harmonic detortion (THE) at rated output	Adjustable power factor range	0.8 leading to 0.8 lagging
### ### #############################	Feed-in phases	3/3-N-PE
Max. efficiency / European efficiency 98.6% / 98.3%	Harmonic distortion (THD) at rated output	<3%
DC Switch Ground fault monitoring / grid monitoring OF evenes polarity protection / AC short direal, protection / AR polarity protection / AR polarity protection AR pola	EFFICIENCY & PROTECTION	
Ground faut thronitoring / grid monitoring Do reverse polarity protection / Act bart circuit protection / Al-pole sensitive residual-current monitoring unit Arc faut circuit interrupter (AFCI) Anti-listanding protection Arc faut circuit interrupter (AFCI) Anti-listanding protection Surge protection Surge protection ■ / Tayse III Protection classa (according to IEC 82100-1) / ovenotitage (according to IEC 82100-1) GENERAL DATA Dimensions W/H / D) 488 / 425 5 / 79 mm Weight 200 kg Central promoture range Self-consumption (a ringht) <	Max. efficiency / European efficiency	98.6%/98.3%
D.C reverse polarity protection / AC Short cricuity protection / AC Short cricuity protection / AC Short cricuity protection ♣ / ♠ AC Short cricuity protection ♣ App-los-ensither residual current monitoring unt Anti-islanding protection ♣ Act fault circuit interrupter (AFCI) Anti-islanding protection ♣ / Type II Protection class Georgian Georgian	DC Switch	•
AC short circuit protection Alproise sensitive residual-current monitoring unit Arc faut directuit interrupter (AFCI) Arc faut directuit interrupter (AFCI) Surge protection Surge protection (a) / Type II Protection class (according to IEC 8290-91 / overvoltage category (according to IEC 8290-91 / overvoltage category (according to IEC 8290-91) GENERAL DATA Dimensions (W/H/D) 488/4255/T79 mm Weight 20.0 kg Operating temperature range -30°C. +60°C Self-consumption (at night) 1 vi W Topology Active cooling Degree of protection (according to IEC 80529) IP66 Climatic category (according to IEC 8052-4) (according to IEC 8052-4) (according to IEC 8052-4) (according to IEC 8052-4) IP66 Climatic category (according attitude 3000 m FEATURES Dic connection Plug-in connector AC connection Plug-in connector Mounting type Wall-mount bracket Use Discharce (Status / Fault / Communication) (SR456/WH-VLAN //4G)	Ground fault monitoring / grid monitoring	●/●
### Arc fault circuit interrupter (AFCI) Arc fault circuit interrupter (AFCI) Auth-Islanding protection ■ / Type II Protection class (according to IEC 62/09-11 / overvoltage category (according to IEC 62/09-1) #### Auth		•/•
Arc fault circuit interrupter (AFCI) Anti-Islanding protection Protection class Geording to IEC 62109-11 / overvoitage category (according to IEC 62109-1) GENERAL DATA CENERAL DATA Weight 20.0 kg Operating temperature range -30°C60°C Self-consumption (at night) Topology Non-isolated Cooling concept Active cooling Degree of protection (according to IEC 60529) IP66 Climatic category (according to IEC 60729-3-4) Max. permissible value for relative humidity (mon-condensing) Max. operating altitude FEATURES D Connection Plug-in connector AC connection Plug-in connector Mounting type Weil-mount interface' (*COOR) (FS485/Wi-Fi/LAN/AG)		•
Surge protection In the substitution of the		
Protection class (according to IEC 62109-1) 1/AC-III; DC:II category (according to IEC 62109-1) 488 / 425.5 / 179 mm GENERAL DATA 488 / 425.5 / 179 mm Dimensions (W/H/D) 488 / 425.5 / 179 mm Weight 2.0.0 kg Operating temperature range -30 °C+60 °C Self-consumption (at night) < 1W	Anti-Islanding protection	•
(according to IEC 62/109-1) / overvoltage category (according to IEC 62/109-1)	Surge protection	● / Type II
GENERAL DATA Dimensions (W / H / D) 488 / 425 5 / 179 mm Weight 20.0 kg Operating temperature range -30 °C 460 °C Self-consumption (at night) < 1W	(according to IEC 62109-1) / overvoltage	I/AC:III;DC:II
Dimensions (W/H/D) Weight 20.0 kg Operating temperature range -30°C_+60°C Self-consumption (at night) Topology Non-isolated Cooling concept Active cooling Degree of protection (according to IEC 60529) Climatic category (according to IEC 60721-3-4) Max. permissible value for relative humidity (non-condensing) Max. operating altitude Teatures DC connection Plug-in connector AC connection Plug-in connector Mounting type Wall-mount bracket LED indicators Slatus / Fault / Communication) Communication interface¹ Medign 100,000 (RS485/Wi-Fi/LAN /4G)		<u> </u>
Weight 20.0 kg Operating temperature range -30°C+60°C Self-consumption (at night) <11W Topology Non-isolated Cooling concept Active cooling Degree of protection (according to IEC 60529) IP66 Climatic category (according to IEC 60721-3-4) 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 (Slatus / Fault / Communication) • (RS485 /Wi-Fi/LAN /4G)		400 (405 5 1470
Operating temperature range -30 °C _+60 °C Self-consumption (at night) < 11W 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' (RS485 /Wi-Fi/LAN /4G)		
Self-consumption (at night) < 1W Topology Non-isolated Cooling concept Active cooling Degree of protection (according to IEC 60529) Climatic category (according to IEC 60721-3-4) Max. permissible value for relative humidity (non-condensing) 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 interface¹ Communication interface¹ Communication interface¹		
Topology Non-isolated Cooling concept Active cooling Degree of protection (according to IEC 60529) Climatic category (according to IEC 60721-3-4) Max. permissible value for relative humidity (non-condensing) Max. operating altitude FEATURES DC connection Plug-in connector AC connection Mounting type Wall-mount bracket LED indicators (Status / Fault / Communication) Communication interface¹ PNO-O/O (RS485/Wi-Fi/LAN/4G)		
Cooling concept Degree of protection (according to IEC 60529) Climatic category (according to IEC 60721-3-4) Max. permissible value for relative humidity (non-condensing) Max. operating altitude Teatures DC connection Plug-in connector AC connection Plug-in connector Mounting type Mounting type LED indicators (Status / Fault / Communication) Communication interface¹ Active cooling IP66 AK4H AK4H 3000 m 1 Plug-in connector Plug-in connector Wall-mount bracket		
Degree of protection (according to IEC 60529) Climatic category (according to IEC 60721-3-4) Max. permissible value for relative humidity (non-condensing) 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 interface¹ IP66 4K4H BY4H		
(according to IEC 60721-3-4) Max. permissible value for relative humidity (non-condensing) 1 Max. operating altitude 3000 m FEATURES DC connection Plug-in connector AC connection Mounting type Wall-mount bracket LED indicators (Status / Fault / Communication) Communication interface¹ Communication interface¹		-
(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 interface¹ ● /● /O/O (RS485 / Wi-Fi/LAN / 4G)	Climatic category (according to IEC 60721-3-4)	4K4H
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 interface¹ ● (● / O / O (RS485 / Wi-Fi/LAN / 4G)		1
FEATURES DC connection Plug-in connector AC connection Plug-in connector Mounting type Wall-mount bracket LED indicators (Status / Fault / Communication) Communication interface¹ (RS485/Wi-Fi/LAN /4G)		3000 m
AC connection Plug-in connector Mounting type Wall-mount bracket LED indicators (Status / Fault / Communication) Communication interface' (RS485 / Wi-Fi/ LAN / 4G)		
AC connection Plug-in connector Mounting type Wall-mount bracket LED indicators (Status / Fault / Communication) Communication interface' (RS485 / Wi-Fi/ LAN / 4G)	DC connection	Plug-in connector
Mounting type Wall-mount bracket LED indicators (Status / Fault / Communication) Communication interface¹ Wall-mount bracket (Status / Fault / Communication) (RS485 / Wi-Fi/ LAN / 4G)	AC connection	
LED indicators (Status / Fault / Communication) Communication interface¹ (RS485/Wi-Fi/LAN /4G)		
(RS485/Wi-Fi/LAN/4G)	LED indicators	•
	Communication interface ¹	
Country of manufacture China	Country of manufacture	China
Certificates and approvals (more available on request) IEC62109-1/IEC62109-2/IEC62727/IEC62683/IEC62116		IEC62109-1/IEC62109-2/IEC62727/IEC62683/IEC62116

[•] 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