





SOLAX POWER X3-PRO G2 Strings Incl DC Inverter Installation Guide

Home » SOLAX POWER » SOLAX POWER X3-PRO G2 Strings Incl DC Inverter Installation Guide



Contents

- 1 SOLAX POWER X3-PRO G2 Strings Incl DC
- Inverter
- **2 Product Information**
- **3 Product Usage Instructions**
- 4 FAQ
- 5 Safety
- **6 Packing List**
- 7 Installation Site
- **8 Installation Tools**
- **9 Communication Connection**
- 10 Technical Data
- **11 Contact Information**
- **12 Warranty Registration Form**
- **13 CONTACT**
- 14 Documents / Resources
 - 14.1 References





Product Information

Specifications

• Model: X3-PRO G2

Available Power Options: 8 kW, 10 kW, 12 kW, 15 kW, 17 kW, 20 kW, 25 kW, 30 kW

Installation Manual Version: 3.0Website: www.solaxpower.com

Product Usage Instructions

Before proceeding with the installation and usage of the X3-PRO G2, it is crucial to adhere to the following safety guidelines:

- Always use insulated tools during installation.
- Wear individual protective tools during installation, electrical connection, and maintenance.
- Visit the SolaX website for more safety information.
- Read the installation manual thoroughly.
- Ensure you understand and comply with all related regulations.
- Use the provided QR code or visit the SolaX website for the eManual.
- Ensure the inverter is isolated from mains and PV generation suppliers before operation.
- Avoid touching live parts for at least 5 minutes after disconnection from power sources due to high voltage.

FAQ

- Q: What should I do if I encounter a warning message on the inverter?
- A: If you encounter a warning message on the inverter, refer to the user manual or contact SolaX customer support for assistance.
- Q: Can I install the inverter myself?
- A: It is recommended to hire a professional electrician for the installation of the X3-PRO G2 to ensure safety and proper setup.

Safety

General Notice

- 1. Contents may be periodically updated or revised. SolaX reserves the right to make improvements or changes in the product(s) and the program(s) described in this manual without the prior notice.
- 2. The installation, maintenance and grid-related setting can only be performed by qualified personnel who:
 - Are licensed and/or satisfy state and local jurisdiction regulations;
 - Have good knowledge of this manual and other related documents.
- 3. Before installing the device, carefully read, fully understand and strictly follow the detailed instruction of the user manual and other related regulations. SolaX shall not be liable for any consequences caused by the violation of the storage, transportation, installation, and operation regulations specified in this document and the user manual.
- 4. Use insulated tools when installing the device. Individual protective tools must be worn during installation, electrical connection and maintenance.
- 5. Please visit the website www.solaxpower.com of SolaX for more information.

Descriptions of Labels

CE	CE mark of conformity	TO Account fairly Regular Production fairly Regular Production fairly Break Pr	TUV certification
	RCM mark of conformity	8-41239429 Bi-41239429	BIS mark of conformity
4	Caution, risk of electric shock		Caution, hot surface
	Read the enclosed documentations	\triangle	Caution, risk of danger
	Additional grounding point	Z	Do not dispose of the inverter together with household waste.
	Do not operate this inverter until generation suppliers.	l it is isolate	ed from mains and on-site PV
A C	Danger of high voltage. Do not touch live parts for 5 min	utes after	disconnection from the power

Note: The table is only used for the description of symbols that may be used on the inverter. Please be subject to the actual symbols on the device.

DANGER!

Lethal danger from electrical shock due to the inverter

- Only operate the inverter when it is technically faultless. Otherwise, electric shock or fire may occur.
- Do not open the enclosure in any case without authorization from SolaX.
- Unauthorized opening will void the warranty and cause lethal danger or serious injury due to electric shock.

DANGER!

- When exposed to sunlight, high DC voltage will be generated by PV modules. Death or lethal injuries will occur
 due to electric shock.
- Never touch the positive or negative pole of PV connecting device. Touching both of them at the same time is prohibited as well.
- Do not ground the positive or negative pole of the PV modules.
- Only qualified personnel can perform the wiring of the PV panels.

WARNING!

Risk of personnel injury or inverter damage

- During operation, do not touch any parts other than DC switch and LCD panel.
- Never connect or disconnect the AC and DC connectors when the inverter is running.
- Turn off the AC and DC power and disconnect them from the inverter, wait for 5 minutes to fully discharge the voltage before attempting any maintenance, cleaning or working on any circuits connected.
- Make sure that the input DC voltage ≤ Maximum DC input voltage of the inverter.
- Overvoltage may cause permanent damage to the inverter, which is NOT covered by the warranty.

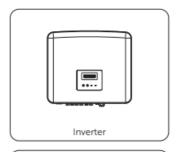
CAUTION!

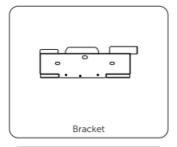
- · Keep children away from the inverter.
- Pay attention to the weight of the inverter. Personal injuries may be caused if not handled properly.

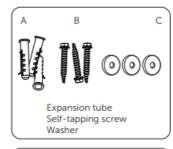
NOTICE!

- If an external RCD is required by local regulations, check which type of RCD is required for relevant electric codes. It is recommended to use a Type-A RCD with the value of 300 mA.
- All the product labels and nameplates on the inverter shall be maintained clearly visible.

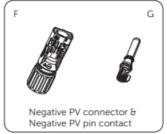
Packing List

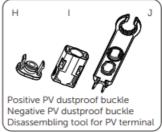


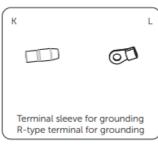


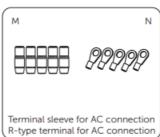


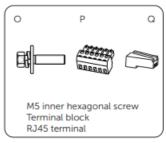


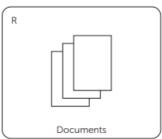




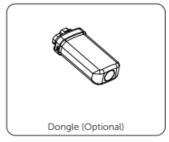








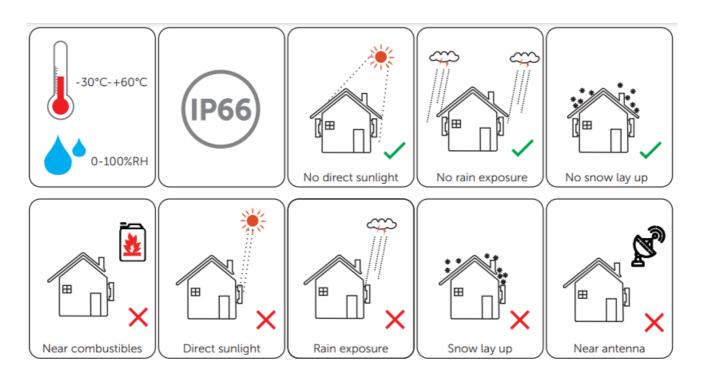




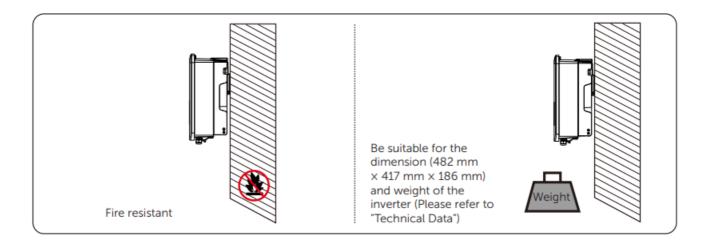
Item	Description	Quantity
/	Inverter	1 pc
/	Bracket	1 pc
Α	Expansion tube	3 pcs
В	Self-tapping screw	3 pcs
С	Washer	3 pcs
D	Positive PV connector	4 pairs for inverters with two inputs of MPPT,
Е	Positive PV pin contact	6 pairs for inverters with three inputs of MPPT
F	Negative PV connector	4 pairs for inverters with two inputs of MPPT,
G	Negative PV pin contact	6 pairs for inverters with three inputs of MPPT
Н	Positive PV dustproof buckle	3 pairs for inverters with two inputs of MPPT,
- 1	Negative PV dustproof buckle	5 pairs for inverters with three inputs of MPPT
J	Disassembling tool for PV terminal	1 pc
К	Terminal sleeve for grounding	1 pc
L	R-type terminal for grounding	1 pc
М	Terminal sleeve for AC connection	5 pcs
N	R-type terminal for AC connection	5 pcs
0	M5 inner hexagonal screw	1 pc
Р	Terminal block	1 pc
Q	RJ45 terminal	1 pc
R	Documents	/
S	AC waterproof cover	1 pc
/	Dongle (Optional)	/

• Refer to the actual delivery for the optional accessories.

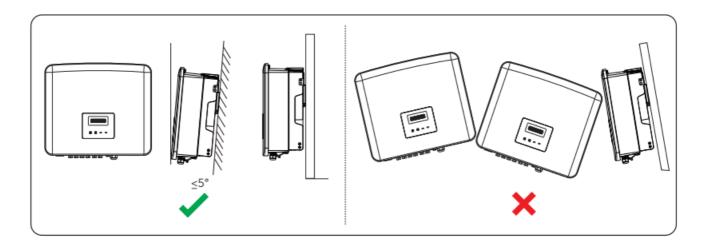
Installation Site



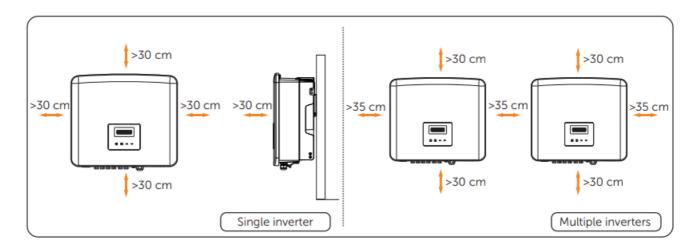
Installation Carrier



Installation Angle



Installation Space



Installation Tools



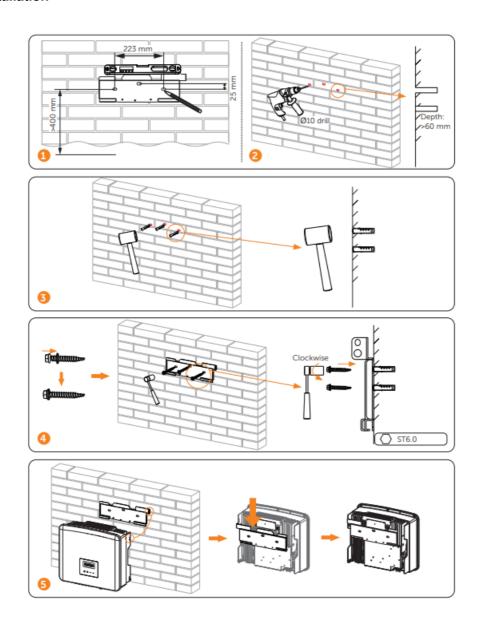
Additionally Required Materials

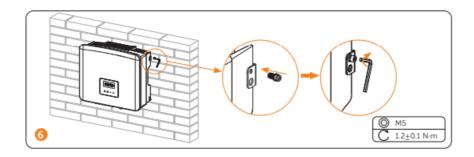
No.	Required Material	Туре	Conductor Cross-section
1	AC circuit breaker	Refer to below tables	/
2	PV cable	Dedicated PV wire withstand voltage 1100 V (8 kW~30 kW) / 800V (10 kW-LV~15 kW-LV)	4 mm²
3	AC cable	Five-core copper wire	Refer to below tables
		Network cable CAT5	0.2 mm ²
4	Communication cable	Two-core cable for RS485 connection	0.5-1.5 mm ² Outer diameter: 5-6.7 mm
5	Additional PE cable	Conventional yellow and green wire	6 mm²

• AC Cable and Micro-breaker recommended

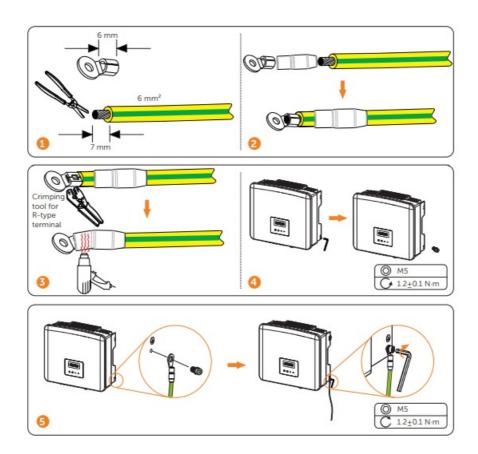
Model	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-		
Model	8K-G2(2D)	10K-G2(2D)	12K-G2(2D)	15K-G2(2D)	17K-G2(2D)	20K-G2(2D)		
L1, L2, L3 wire	5-6 mm ²	5-6 mm ²	5-6 mm ²	5-6 mm ²	6-8 mm ²	6-8 mm ²		
N, PE wire	5-6 mm ²	5-6 mm ²	5-6 mm ²	5-6 mm ²	6-8 mm ²	6-8 mm ²		
Micro-breaker	20 A	20 A	25 A	32 A	40 A	40 A		
Maralal	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-		
Model	15K-G2(3D)	17K-G2(3D)	20K-G2(3D)	25K-G2(3D)	30K-G2(3D)	10KW-G2		
L1, L2, L3 wire	5-6 mm ²	6-8 mm ²	6-8 mm ²	8-10 mm ²	10 mm ²	5-6 mm ²		
N, PE wire	5-6 mm ²	6-8 mm ²	6-8 mm ²	8-10 mm ²	10 mm ²	5-6 mm ²		
Micro-breaker	32 A	40 A	40 A	50 A	63 A	20 A		
Model	X3-PRO-1	.0K-G2-LV	X3-PRO-1	L2K-G2-LV	X3-PRO-1	X3-PRO-15K-G2-LV		
L1, L2, L3 wire	6-8	mm²	8-10	mm ²	10 mm ²			
N, PE wire	6-8	mm²	8-10	mm ²	10 mm ²			
Micro-breaker	40) A	50) A	63 A			

Mechanical Installation

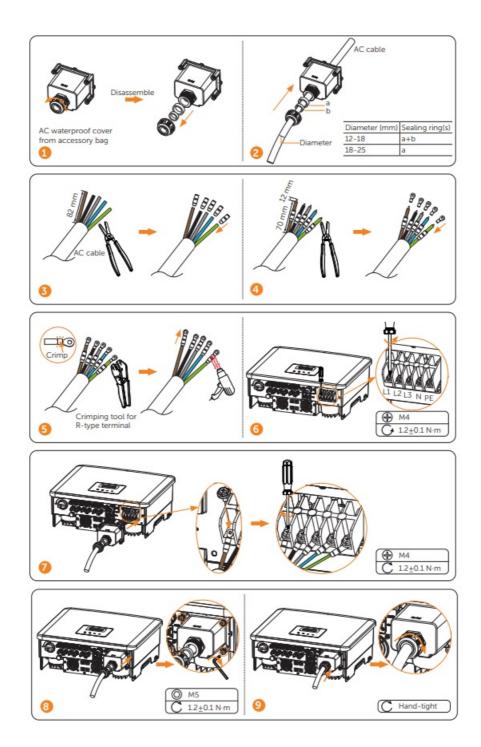




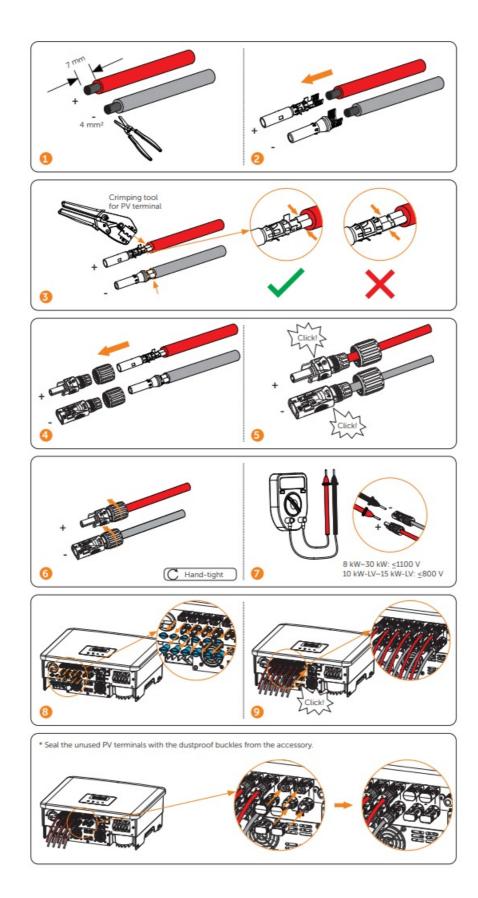
PE Connection



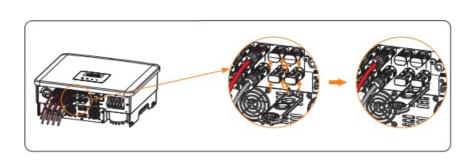
AC Side Connection



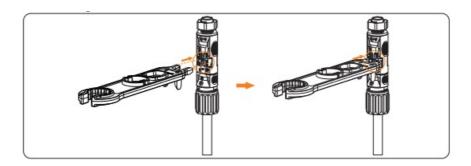
DC Side Connection



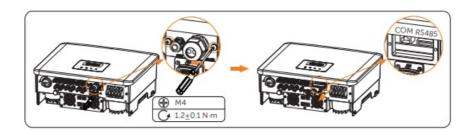
• Disassembling the dustproof buckles



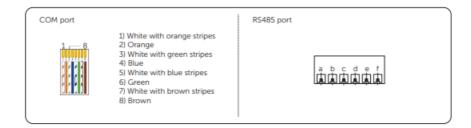
• Disassembling the PV cables



Communication Connection



Pin Definition



• Pin Definition for DRM (For AU / NZ)/Heat Pump Controller/Remote Shutdown

Item		Pump roller	Remote S	hutdown	DF	RM	-	-
Pin	1	2	3	4	5	6	7	8
Pin Definition	+13V	GND_HP	Shutdown+	Shutdown-	REF GEN	DRM0	X	Х

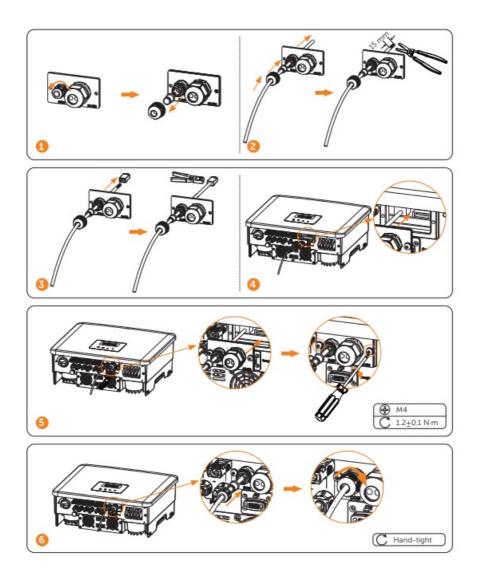
- For DRM, only DRM 0 is available now.
- Pin Definition for RS485/Meter

Pin	a	b	С	d	e	f
Pin Definition	485A	485B	485A	485B	Meter A	Meter B

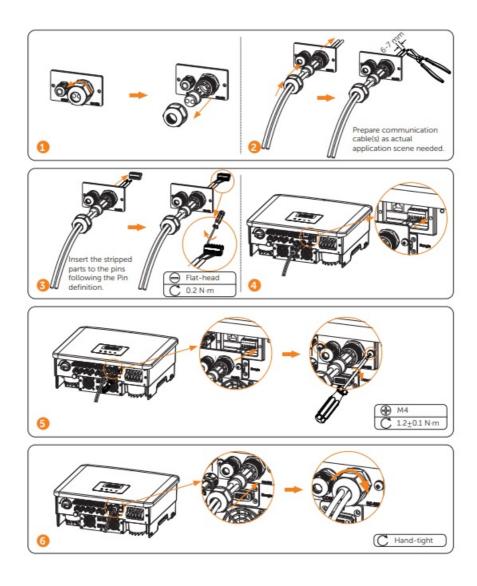
Connection Method

Note: Connect the COM port and the RS485 port respectively or simultaneously according to the actual application scene.

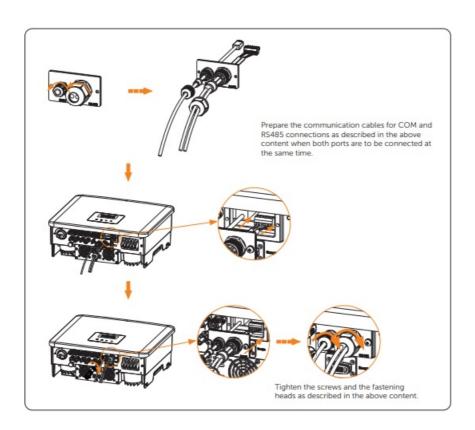
• Possible scene 1: COM port connection only

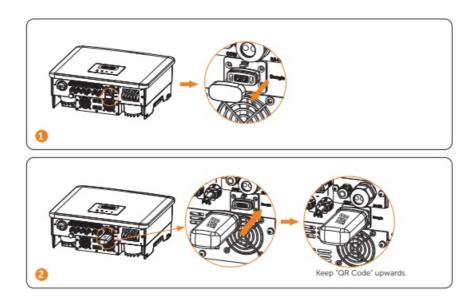


• Possible scene 2: RS485 port connection only

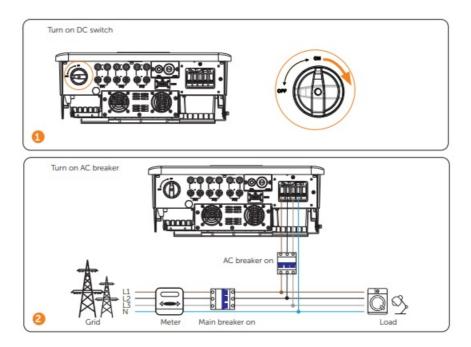


• Possible scene 3: COM port and RS485 port connections simultaneously





Power on the System

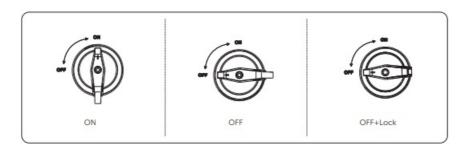


Lockable DC Switch

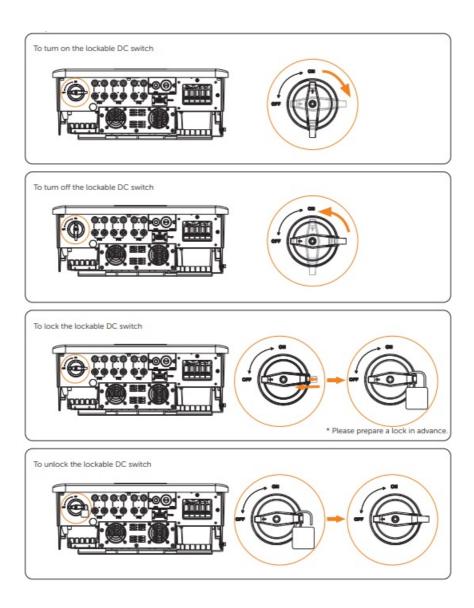
There are two kinds of DC switches for the series inverters:

- Unlockable DC switch (without lock);
- Lockable DC switch (with lock).
- States of the lockable DC switch:

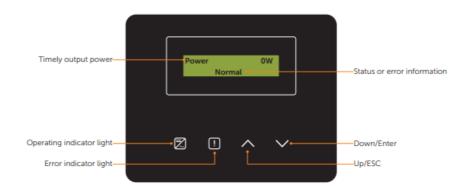
For the lockable DC switch, there are 3 states: ON, OFF and OFF+Lock and the default state is OFF.



• Operation of the lockable DC switch



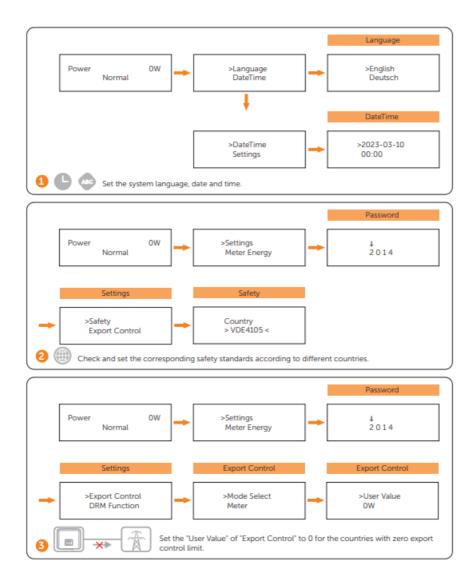
LCD Panel



- In the normal state, the "Power" / "Pgrid" / "Today" / "Total" information will be displayed respectively. You can press the keys to switch information.
- In the error state, the fault message will be displayed, please refer to the corresponding solutions in the user manual.

LED indicator	Definition
Z	Light in blue: The inverter is in normal state. Flash in blue: The inverter is in waiting state.
	Light in red: The inverter is in fault state.
Key	Definition
^	Short press: Up, move the cursor to the upper part or increase the value. Long press: ESC, exit from the current interface or function, or confirm the function setting to take effect.
~	Short press: Down, move the cursor to the lower part or decrease the value. Long press: Enter, confirm the selection or value change.

General Setting



• The initial password is 2014 which should be changed for the consideration of account security.

Wi-Fi Configuration



Technical Data

DC input

Model	X3-PRO- 8K-G2(2D)	X3-PRO- 10K-G2(2D)	X3-PRO- 12K-G2(2D)	X3-PRO- 15K-G2(2D)	X3-PRO- 17K-G2(2D)	X3-PRO- 20K-G2(2D)
Max. PV array input power [W]	12000	15000	18000	22500	25500	30000
Max. PV voltage [d.c. V]	1100	1100	1100	1100	1100	1100
Rated input voltage [d.c. V]	650	650	650	650	650	650
MPPT voltage range [d.c. V]	160-980	160-980	160-980	160-980	160-980	160-980
MPPT voltage range @ full load [d.c. V]	350-850	350-850	350-850	400-850	400-850	400-850
Max. PV current [d.c. A]	32/32	32/32	32/32	32/32	32/32	32/32
Isc PV array short circuit current [d.c. A]	40/40	40/40	40/40	40/40	40/40	40/40
Startup voltage [d.c. V]	200	200	200	200	200	200
No. of MPPT	2	2	2	2	2	2
Strings per MPPT	2/2	2/2	2/2	2/2	2/2	2/2
Max. MPPT power limit per MPPT [W]*	8000	10000	12000	12000	12000	12000
DC disconnection switch	Yes					
Max. inverter backfeed current to the array [d.c. A]	0					

Model	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-	
	15K-G2(3D)	17K-G2(3D)	20K-G2(3D)	25K-G2(3D)	30K-G2(3D)	10KW-G2	
Max. PV array input power [W]	22500	25500	30000	37500	45000	15000	
Max. PV voltage [d.c. V]	1100	1100	1100	1100	1100	1100	
Rated input voltage [d.c. V]	650	650	650	650	650	650	
MPPT voltage range [d.c. V]	160-980	160-980	160-980	160-980	160-980	160-980	
MPPT voltage range @ full load [d.c. V]	400-850	400-850	400-850	500-850	500-850	350-850	
Max. PV current [d.c. A]	32/32/32	32/32/32	32/32/32	32/32/32	32/32/32	32/32	
Isc PV array short circuit current [d.c. A]	40/40/40	40/40/40	40/40/40	40/40/40	40/40/40	40/40	
Startup voltage [d.c. V]	200	200	200	200	200	200	
No. of MPPT	3	3	3	3	3	2	
Strings per MPPT	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2	
Max. MPPT power limit per MPPT [W]*	12000	12000	12000	15000	15000	10000	
DC disconnection switch			Y	es			
Max. inverter backfeed current to the array [d.c. A]		0					

• Max. MPPT power limit per MPPT" means the maximum PV production when using one of the MPPTs only.

AC output

Model	X3-PRO-1	OK-G2-LV	X3-PRO-12K-G2-LV		X3-PRO-15K-G2-LV		
Max. PV array input power [W]	150	000	18000		22500		
Max. PV voltage [d.c. V]	80	00	80	00	80	00	
Rated input voltage [d.c. V]	36	50	36	50	36	50	
MPPT voltage range [d.c. V]	160-	-650	160-	-650	160-	-650	
MPPT voltage range @ full load [d.c. V]	300	-550	300	-550	300	-550	
Max. PV current [d.c. A]	32	/32	32	/32	32	/32	
Isc PV array short circuit current [d.c. A]	40	/40	40,	/40	40	/40	
Startup voltage [d.c. V]	20	00	20	00	20	00	
No. of MPPT		2	2	2		2	
Strings per MPPT	2	/2	2,	/2	2	/2	
Max. MPPT power limit per MPPT [W]*	100	000	120	000	150	000	
DC disconnection switch	Yes						
Max. inverter backfeed current to the	0						
array [d.c. A]	Ů						
Model	X3-PRO- 8K-G2(2D)	X3-PRO- 10K-G2(2D)	X3-PRO- 12K-G2(2D)	X3-PRO- 15K-G2(2D)	X3-PRO- 17K-G2(2D)	X3-PRO- 20K-G2(2D)	
Rated output apparent power [VA]	8000	10000 ¹	12000	15000 ²	17000	20000	
Max. output apparent power [VA]	8800	11000 ¹	13200	16500 ²	18700	22000	
Nominal AC voltage [a.c. V]		3~/N/PE,	220/380, 230	/400; 3~/PE,	380, 400		
Nominal AC frequency [Hz]			50/60) (<u>+</u> 5)			
Rated output current [a.c. A]*	12.2, 11.6	15.2, 14.5	18.2, 17.4	22.8, 21.8	25.8, 24.7	30.3, 29.0	
Max. output continuous current [a.c. A]	13.2	16.0	19.3	24.2	27.5	33.6	
Current (inrush) [a.c. A]			60 (1	8 µs)			
THDi, rated power			<3	5%			
Power factor range			0.8 leading-	-0.8 lagging			
Feed-in phase			Three-	phase			
	100						
Maximum output fault current [a.c. A]		89					
Maximum output fault current [a.c. A] Maximum output overcurrent protection [a.c. A]			8	9			
Maximum output overcurrent			8				

Model	X3-PRO- 15K-G2(3D)	X3-PRO- 17K-G2(3D)	X3-PRO- 20K-G2(3D)	X3-PRO- 25K-G2(3D)	X3-PRO- 30K-G2(3D)	X3-PRO- 10KW-G2
Rated output apparent power [VA]	15000 ³	17000	20000	25000	30000 ⁴	10000
Max. output apparent power [VA]	16500 ³	18700	22000	27500	30000 ⁵	10000
Nominal AC voltage [a.c. V]		3~/N/PE,	220/380, 230)/400; 3~/PE,	380, 400	
Nominal AC frequency [Hz]			50/60	0 (<u>+</u> 5)		
Rated output current [a.c. A]*	22.8, 21.8	25.8, 24.7	30.3, 29.0	37.9, 36.3	45.5, 43.5	15.2, 14.5
Max. output continuous current [a.c. A]	24.2	27.5	33.6	41.8	45.5 ⁶	16.0
Current (inrush) [a.c. A]			60 (1	.8 µs)		
THDi, rated power			< 3	5%		
Power factor range			0.8 leading	-0.8 lagging		
Feed-in phase			Three-	-phase		
Maximum output fault current [a.c. A]			10	00		
Maximum output overcurrent protection [a.c. A]			8	9		
Short circuit current [a.c. A]			30	00		

- 1. 9999 for AS/NZS 4777.2
- 2. 14999 for AS/NZS 4777.2
- 3. 14999 for AS/NZS 4777.2
- 4. 29999 for AS/NZS 4777.2
- 5. 29999 for AS/NZS 4777.2, 33000 for PEA
- 6. 47.8 for PEA

If there are two data for this parameter, each data corresponds to the corresponding voltage.

Efficiency, safety and protection

Model	X3-PRO-10K-G2-LV X3-PRO-12K-G2-LV X3-PRO-15K-C						
Rated output apparent power [VA]	100	10000 12000 150					
Max. output apparent power [VA]	110	11000 13200 16500					
Nominal AC voltage [a.c. V]	3~/N/PE, 127/220; 3~/PE, 220						
Nominal AC frequency [Hz]			50/6	0 (±5)			
Rated output current [a.c. A]	20	6.3	3:	1.5	3	9.4	
Max. output continuous current [a.c. A]	28	8.9	34	4.7	4	3.4	
Current (inrush) [a.c. A]			60 (1	l8 μs)			
THDi, rated power			<	3%			
Power factor range			0.8 leading	-0.8 lagging			
Feed-in phase			Three	-phase			
Maximum output fault current [a.c. A]			1	00			
Maximum output overcurrent protection [a.c. A]			8	19			
Short circuit current [a.c. A]			3	00			
Model	X3-PRO- 8K-G2(2D)	X3-PRO- 10K-G2(2D)	X3-PRO- 12K-G2(2D)	X3-PRO- 15K-G2(2D)	X3-PRO- 17K-G2(2D)	X3-PRO- 20K-G2(2D)	
MPPT efficiency	99.90%	99.90%	99.90%	99.90%	99.90%	99.90%	
Euro efficiency	97.70%	97.70%	97.70%	97.80%	97.80%	97.80%	
Max. efficiency	98.20%	98.20%	98.20%	98.30%	98.30%	98.30%	
Safety & Protection							
Over/under voltage protection			Ye	es			
DC isolation protection			Ye	es			
DC injection monitoring			Ye	es			
Back feed current monitoring			Ye	es			
Residual current detection			Ye	es			
Active anti-islanding method			Frequer	ncy Shift			
Over temperature protection			Ye	es			
SPD protection (DC/AC)			Type II	Type II			
Arc-fault circuit interrupter (AFCI)			Opti	onal			
AC auxiliary power supply (APS)			Opti	onal			
Safety				2109-1/-2			
Grid monitoring	EN50549	, VDE-AR-N 4	105, CEI 0-16	, CEI 0-21, G9	98, G99, AS/N	ZS 4777.2	

Model	X3-PRO- 15K-G2(3D)	X3-PRO- 17K-G2(3D)	X3-PRO- 20K-G2(3D)	X3-PRO- 25K-G2(3D)	X3-PRO- 30K-G2(3D)	X3-PRO- 10KW-G2
MPPT efficiency	99.90%	99.90%	99.90%	99.90%	99.90%	99.90%
Euro efficiency	97.80%	97.80%	97.80%	98.00%	98.00%	97.70%
Max. efficiency	98.30%	98.30%	98.30%	98.50%	98.50%	98.20%
Safety & Protection						
Over/under voltage protection	Yes					
DC isolation protection	Yes					
DC injection monitoring	Yes					
Back feed current monitoring	Yes					
Residual current detection	Yes					
Active anti-islanding method	Frequency Shift					
Over temperature protection	Yes					
SPD protection (DC/AC)	Type II/Type II					
Arc-fault circuit interrupter (AFCI)	Optional					
AC auxiliary power supply (APS)	Optional					
Safety	IEC/EN 62109-1/-2					
Grid monitoring	EN50549, VDE-AR-N 4105, CEI 0-16, CEI 0-21, G98, G99, AS/NZS 4777.2					

Model	X3-PRO-10K-G2-LV		X3-PRO-12K-G2-LV		X3-PRO-15K-G2-LV		
MPPT efficiency	99.90%		99.90%		99.90%		
Euro efficiency	97.20%		97.20%		97.20%		
Max. efficiency	97.70%		97.7	97.70%		97.70%	
Safety & Protection							
Over/under voltage protection			Ye	es			
DC isolation protection			Ye	es			
DC injection monitoring			Ye	es			
Back feed current monitoring			Ye	es			
Residual current detection			Ye	es			
Active anti-islanding method			Frequer	ncy Shift			
Over temperature protection			Ye	es			
SPD protection (DC/AC)	Type II/Type II						
Arc-fault circuit interrupter (AFCI)	Optional						
AC auxiliary power supply (APS)	Optional						
Grid monitoring			Ye	es			
	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-	X3-PRO-	
Model	8K-G2(2D)	10K-G2(2D)	12K-G2(2D)	15K-G2(2D)	17K-G2(2D)	20K-G2(2D)	
Dimensions (W/H/D) [mm]			482×4	17×186			
Dimension of packing (W/H/D)[mm]			590×5	30×315			
Net weight [kg]	24.5	24.5	24.5	26	26	26	
Gross weight [kg]	28.5	28.5	28.5	30	30	30	
Installation	Wall-mounted						
Operating ambient	-30 to +60						
temperature range [°C]							
Storage temperature [°C]	-30 to +60						
Storage/Operation relative humidity	0%~100%						
Altitude [m]	4000						
Ingress protection	IP66						
Isolation type	Transformerless						
Protective class							
Night-time consumption	<3 W						
Overvoltage category	III(MAINS), II(DC)						
Pollution degree	II(Inside), III(Outside)						
Cooling concept	Natural cooling Smart fan cooling			ng			
Noise level [dB]	<35 <55						
Inverter topology	Non-isolated						
Communication interface	Meter, USB, Modbus RTU, WiFi/LAN/4G (Optional), DRM						

Model	X3-PRO- 15K-G2(3D)	X3-PRO- 17K-G2(3D)	X3-PRO- 20K-G2(3D)	X3-PRO- 25K-G2(3D)	X3-PRO- 30K-G2(3D)	X3-PRO- 10KW-G2
Dimensions (W/H/D) [mm]	482×417×186					
Dimension of packing (W/H/D)[mm]	590×530×315					
Net weight [kg]	27.5	27.5	27.5	28	28	24.5
Gross weight [kg]	31.5	31.5	31.5	32	32	28.5
Installation	Wall-mounted					
Operating ambient temperature range [°C]	-30 to +60					
Storage temperature [°C]	-30 to +60					
Storage/Operation relative humidity	0%~100%					
Altitude [m]	4000					
Ingress protection	IP66					
Isolation type	Transformerless					
Protective class						
Night-time consumption	<3 W					
Overvoltage category	III(MAINS), II(DC)					
Pollution degree	II(Inside), III(Outside)					
Cooling concept	Smart fan cooling					
Noise level [dB]	<55 <58 <35			<35		
Inverter topology	Non-isolated					
Communication interface	Meter, USB, Modbus RTU, WiFi/LAN/4G (Optional), DRM					

Model	X3-PRO-10K-G2-LV	X3-PRO-12K-G2-LV	X3-PRO-15K-G2-LV		
Dimensions (W/H/D) [mm]	482×417×186				
Dimension of packing (W/H/D)[mm]	590×530×315				
Net weight [kg]	27.5 28 28				
Gross weight [kg]	31.5 32 32				
Installation	Wall-mounted				
Operating ambient temperature range [°C]	-30 to +60				
Storage temperature [°C]	-30 to +60				
Storage/Operation relative humidity	0%~100%				
Altitude [m]	4000				
Ingress protection	IP66				
Isolation type	Transformerless				
Protective class	I				
Night-time consumption	<3 W				
Overvoltage category	III(MAINS), II(DC)				
Pollution degree	II(Inside), III(Outside)				
Cooling concept	Smart fan cooling				
Noise level [dB]	<45	<55	<58		
Inverter topology	Non-isolated				
Communication interface	Meter, USB, Modbus RTU, WiFi/LAN/4G (Optional), DRM				

Contact Information

UNITED KINGDOM

- Unit C-D Riversdale House, Riversdale
- Road, Atherstone, CV9 1FA
- +44 (0) 2476 586 998
- service.uk@solaxpower.com

TURKEY

- Fevzi Çakmak mah. aslım cd. no 88 A
- Karatay / Konya / Türkiye
- +90 530 252 02 19
- service.tr@solaxpower.com

USA

- 3780 Kilroy Airport Way, Suite 200, Long
- Beach, CA, US 90806
- +1 (408) 690 9464
- info@solaxpower.com

POLAND

- WARSAW AL. JANA P. II 27. POST
- +48 662 430 292
- service.pl@solaxpower.com

ITALY

- +39 011 19800998
- support@solaxpower.it

PAKISTAN

• service.pk@solaxpower.com

AUSTRALIA

- 21 Nicholas Dr, Dandenong South VIC 3175
- +61 1300 476 529
- service@solaxpower.com

GERMANY

- Am Tullnaupark 8, 90402 Nürnberg, Germany
- +49 (0) 6142 4091 664
- service.eu@solaxpower.com
- service.dach@solaxpower.com

NETHERLANDS

- Twekkeler-Es 15 7547 ST Enschede
- +31 (0) 8527 37932
- service.eu@solaxpower.com
- service.bnl@solaxpower.com

SPAIN

- +34 9373 79607
- tecnico@solaxpower.com

BRAZIL

- +55 (34) 9667 0319
- info@solaxpower.com

SOUTH AFRICA

• service.za@solaxpower.com

Warranty Registration Form

For Customer (Compulsory)

	Name	Country
	Phone Number	Email
	Address	
	State	Zip Code
	Product Serial Number	
		Electrician License No.
For Ir	nstaller	
	Module (If Any)	
	Module Brand	
	Number of String	Number of Panel Per String
	Battery (If Any)	
	Battery Type	
	Date of Delivery	Signature

- Please visit our warranty website: https://www.solaxcloud.com/#/warranty or use your mobile phone to scan the QR code to complete the online warranty registration.
- For more detailed warranty terms, please visit SolaX official website: <u>www.solaxpower.com</u> to check it.



CONTACT

SolaX Power Network Technology (Zhejiang) Co., Ltd.

- Add.: No. 288, Shizhu Road, Tonglu Economic Development Zone,
- Tonglu City, Zhejiang Province, 310000 P. R. CHINA
- Tel.: +86 (0) 571 5626 0011
- E-mail: info@solaxpower.com



Copyright © SolaX Power Network Technology (Zhejiang) Co., Ltd. All rights reserved.

Documents / Resources



SOLAX POWER X3-PRO G2 Strings Incl DC Inverter [pdf] Installation Guide 8 kW, 10 kW, 12 kW, 15 kW, 17 kW, 20 kW, 25 kW, 30 kW, X3-PRO G2 Strings Incl DC Inverter, X3-PRO G2, Strings Incl DC Inverter, Incl DC Inverter, DC Inverter, Inverter

References

• User Manual

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.