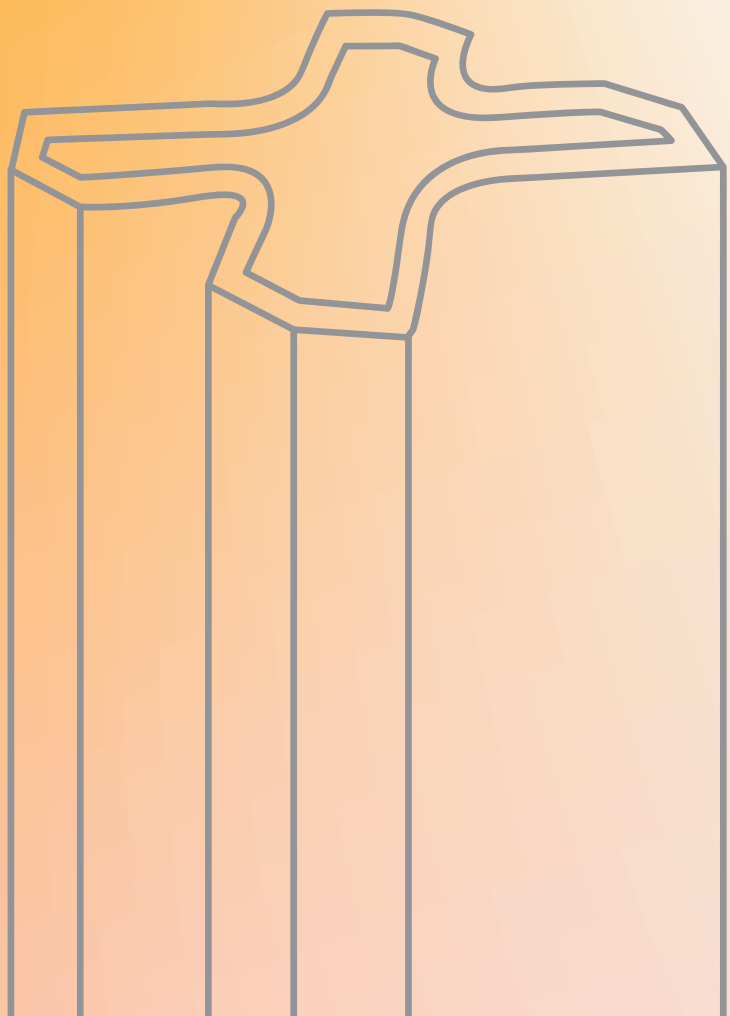
ALL SCENARIO PV SOLUTIONS

SOLAX POWER



WE ARE SOLAX

To be the trusted global leader in smart energy solutions

OUR PROFILE

Founded in 2012, SolaX Power has been a leading global provider of solar and storage solutions. Being a public company (stock code: 688717 on SSE STAR Market) and one of Asia's pioneering hybrid inverter manufacturers, SolaX Power has matured into a multinational corporation, boasting a workforce exceeding 3,000 employees worldwide. With its headquarters situated in Hangzhou, China, and additional branches strategically located in the Netherlands, Germany, the UK, Australia, Japan, and the US, SolaX Power extends its services to customers across more than 80 countries.

2012
Founded

2024
Publicly Traded

3,000+
Employees

80+
Markets

700,000
Running systems

500
Top 500 Global New Energy Enterprises

A PUBLICLY TRADED ENTERPRISE

THE LEADING SOLAR ENERGY STORAGE SOLUTION PROVIDER

.3 GLOBAL TOP

Sales revenue for complete residential solar energy storage systems
(source: CPIA)

10-100kW storage inverter supplier market share
(source: IHS)

INNOVATION
AT OUR CORE

200+ GLOBAL PATENTS

First Hybrid Inverter	R&D Centers	R&D Staff	R&D Staff Ratio
2013	04	1,000+	30%+

1,100+

GLOBAL CERTIFICATIONS

CONTENTS


SOLAX

OVERVIEW

INNOVATING SINCE 2012

SolaX Power PV inverters (also known as grid-connected or grid-tie inverters) are designed to convert the direct current (DC) electricity generated by photovoltaic (PV) modules into alternating current (AC) electricity, which can then be used by electrical loads or fed back into the grid. These inverters also feature maximum power point tracking (MPPT) capabilities, optimizing the efficiency of the PV system's energy production. SolaX Power offers a range of PV inverters, including microinverters and string inverters, suitable for various applications. Their product lineup includes both single-phase and three-phase inverters, with power ratings ranging from 0.3kW to 350kW.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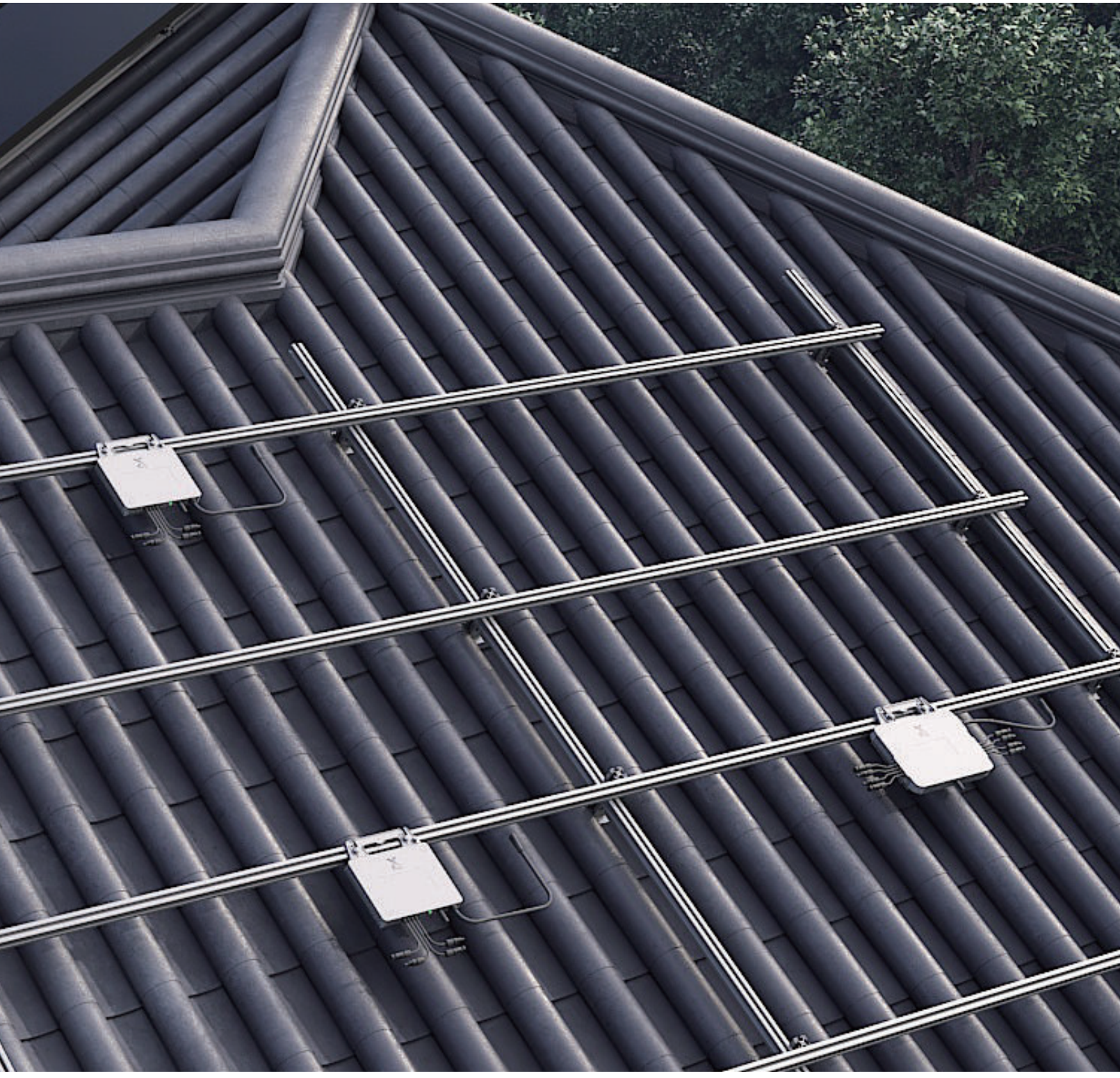


PV SYSTEM PRODUCTS

Microinverter

Micro-inverter

A1-Micro 1 in 1

300W / 400W / 450W / 500W / 600W

Introducing the SolaX A1-Micro series – the apex of microinverter technology. With an exceptional capacity of up to 600 VA, these leading 1-in-1 microinverters provide unrivaled power efficiency and dependability.

Engineered for high-power modules, the A1-Micro series boasts advanced MPPT technology, managing substantial input currents and exceptional output power. Integrated PLC communication ensures seamless monitoring and control.

Ideal for both residential and commercial solar applications, the A1-Micro series offers cost-effective solutions and integrates effortlessly with the SolaX Hybrid system and AC coupled systems.

High Efficiency

- Max. 600VA output power
- Max. 20A DC input current
- Single MPPT for optimal energy harvest

Assured Safety

- Built-in Rapid Shutdown compliant
- Safety protection relay integrated
- IP67 protection degree

Intelligent Design

- Reactive power control
- Faster installation with plug and play cables and connectors
- Complies with advanced grid support and voltage/frequency ride-through requirements for enhanced stability
- Industrial-grade PLC module for stable data transmission and easier wiring

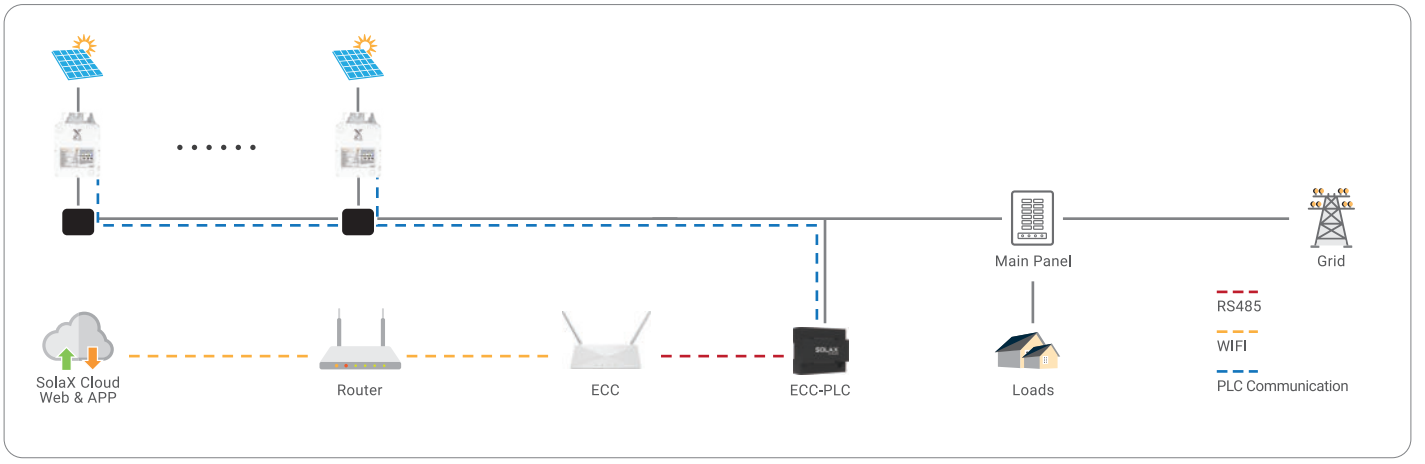
Flexible Adaptability

- Support Zero Export Control
- Easy and flexible expansion of system capacity
- Support 1-phase microinverter integration into 3-phase power grids*

**V1.9.1. Information may be subject to modify without notice. 650.00063.00*

	A1-Micro 300P	A1-Micro 400P	A1-Micro 450P	A1-Micro 500P	A1-Micro 600P
DC INPUT					
Commonly used module power per input	240 ~ 410+ W	320 ~ 550+ W	360 ~ 600+ W	400 ~ 670+ W	400 ~ 670+ W
Max. PV input voltage	60 V				
MPPT voltage range	22 ~ 60 V				
Start-up voltage	20 V				
Max. PV input current	12 A	15 A	16 A	18 A	20 A
Max. input short circuit current Isc	20 A	20 A	25 A	25 A	25 A
No. of MPP trackers	1				
Strings per MPP tracker	1				
AC OUTPUT					
Rated AC output power	300 VA	400 VA	450 VA	500 VA	600 VA
Maximum continuous output power	300 VA	400 VA	450 VA	500 VA	600 VA
Maximum continuous output current	1.25 A	1.67 A	1.88 A	2.09 A	2.50 A
Rated grid voltage / range	240 / 211 ~ 264 V				
Nominal AC frequency / range [Hz]	60 / 60 ± 5 Hz				
Maximum units per 10AWG branch* 40A / 30°C	22	19	17	15	13
Maximum units per 12AWG branch* 30A / 30°C	17	14	13	11	9
Power Factor range	~ 1 (0.8 lagging to 0.8 leading)				
THDi (rated power)	< 3%				
EFFICIENCY					
Peak efficiency	96.50%				
CEC efficiency	96.00%				
Nominal MPPT efficiency	99.50%				
Night power consumption	< 40 mW				
STANDARD					
Safety	UL 1741, UL 1699B, CSA C22.2 No.107.1-16, CSA - C22.2 No. 292-18				
EMC	FCC Part 15 Class B				
Grid connection standard	UL 1741 SB, IEEE 1547, Rule 21, Rule 14H				
PV Rapid Shutdown	Conforms with NEC-2017 and NEC-2020 Article 690.12				
ENVIRONMENT LIMIT					
Ingress protection rating	Type 6				
Operating ambient temperature range	-40 ~ 70°C				
Humidity	0 ~ 100% RH (condensing)				
Storage temperature	-40 ~ 70°C				
GENERAL					
Dimensions (W x H x D)	206 x 178 x 34 mm				
Weight	2.5 kg				
Cooling concept	Natural convection				
Communication	PLC				
Monitoring	SolaX Cloud				

Communication Diagram



Microinverter

X1-Micro 2 in 1

750 W / 800 W / 900 W / 1000 W / 1200 W

High Efficiency

- Max. 1200VA output power
- Max. 20A DC input current
- Two MPPT channels, small size, light weight

Assured Safety

- Rapid Shutdown function
- Safety protection relay integrated
- IP67 ingress protection

Intelligent Design

- Reactive power control
- Built-in industrial grade WiFi module
- Easy to install and maintain

Flexible Adaptability

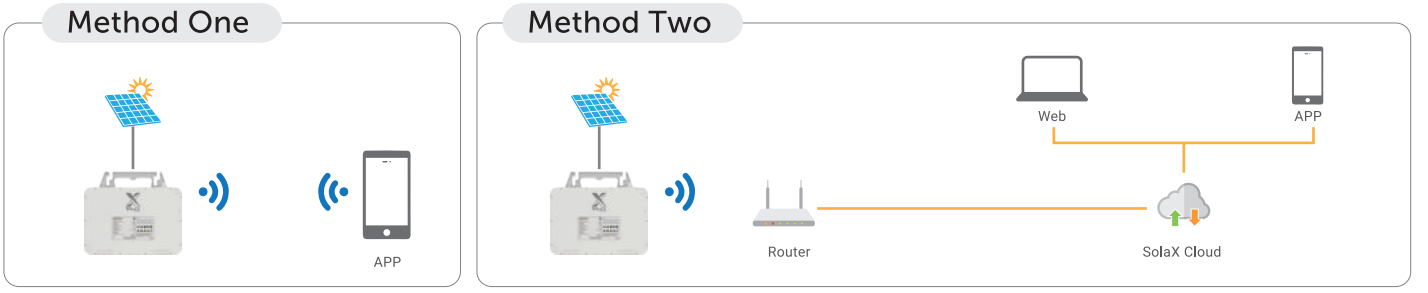
- Easy and flexible expansion of system capacity
- Support AC coupling solution
- Support 1-phase microinverter integration into 3-phase power grid*

** Feature to be upgraded in the future*

	X1-Micro 750	X1-Micro 800	X1-Micro 900	X1-Micro 1000	X1-Micro 1200
PV INPUT					
Commonly used module power per input	240 ~ 470+ W	320 ~ 540+ W	360 ~ 600+ W	360 ~ 600+ W	400 ~ 670+ W
Max. PV input voltage	60 V				
MPPT voltage range	22 ~ 60 V				
Start up voltage	22 V				
Max. PV input current	2 × 15 A		2 × 16 A	2 × 20 A	
Max. input short circuit current Isc	2 × 20 A		2 × 25 A	2 × 25 A	
No. of MPP trackers	2				
Strings per MPP tracker	1				
AC OUTPUT					
Rated AC output power	750 VA	800 VA	900 VA	1000 VA	1200 VA
Max. continuous output power	750 VA	800 VA	900 VA	1000 VA	1200 VA
Max. continuous output current	3.41 A @220 V 3.26 A @230 V 3.13 A @240 V	3.64 A @220 V 3.48 A @230 V 3.34 A @240 V	4.10 A @220 V 3.92 A @230 V 3.75 A @240 V	4.55 A @220 V 4.35 A @230 V 4.17 A @240 V	5.46 A @220 V 5.22 A @230 V 5.00 A @240 V
Rated grid voltage	1 / N / PE, 220 / 230 / 240 V				
Rated AC voltage range	180 ~ 264 V				
Rated AC frequency	50 Hz / 60 Hz				
AC frequency / range	50 ± 5 Hz / 60 ± 5 Hz				
Max. units per 10AWG branch*	8 @220 V 8 @230 V 8 @240 V	7 @220 V 8 @230 V 8 @240 V	6 @220 V 7 @230 V 7 @240 V	6 @220 V 6 @230 V 6 @240 V	5 @220 V 5 @230 V 5 @240 V
Max. units per 12AWG branch*	6 @220 V 6 @230 V 6 @240 V	5 @220 V 6 @230 V 6 @240 V	5 @220 V 5 @230 V 5 @240 V	4 @220 V 5 @230 V 5 @240 V	3 @220 V 4 @230 V 4 @240 V
Power factor range	~ 1 (0.8 lagging to 0.8 leading)				
THDi (rated power)	< 3%				
EFFICIENCY					
Max. efficiency	96.50%				
MPPT efficiency	99.90%				
Power consumption (night)	< 40 mW				
STANDARD					
Safety	IEC62109-1/-2, IEC63027				
EMC	IEC62920:2017, IEC61000-6-1-2-3-4, IEC61000-3-2, IEC61000-3-3, EN 301489, EN 55011				
Certifications	IEC 61727, IEC 62116, EN 50549-1:2019, ORDINANCE No. 140, ORDINANCE NO. 515, G98, VDE4105, C10/11				
ENVIRONMENT LIMIT					
Ingress protection	IP67				
Operation temperature range	-40 ~ 65°C				
Relative humidity	0 ~ 100% RH (condensing)				
Storage temperature	-40 ~ 65°C				
GENERAL					
Dimensions (W x H x D)	260 × 212 × 40 mm				
Weight	4.1 kg				
Cooling concept	Natrual cooling				
Communication	Built-in WiFi				
Monitoring	SolaXCloud				

** Refer to local requirements for exact number of microinverters per branch*

Communication Diagram



Microinverter

X1-Micro 4 in 1

1300 W / 1500 W / 1600 W / 1800 W
2000 W / 2200 W / 2400 W

High Efficiency

- Max. 2400VA output power
- Max. 19.5A DC input current
- Four MPPT channels, small size, light weight

Assured Safety

- Rapid Shutdown function
- Safety protection relay integrated
- IP67 ingress protection

Intelligent Design

- Reactive power control
- Built-in industrial grade WiFi module
- Easy to install and maintain

Flexible Adaptability

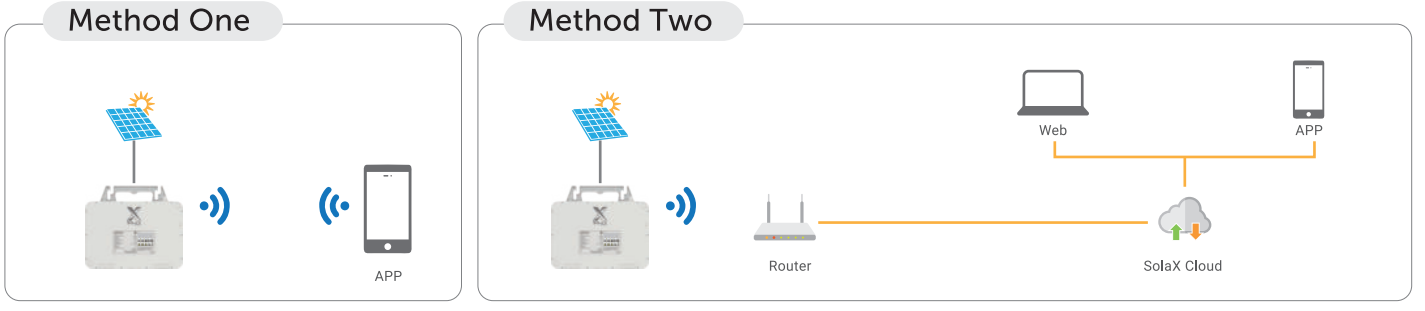
- Easy and flexible expansion of system capacity
- Support AC coupling solution
- Support 1-phase microinverter integration into 3-phase power grid*

** Feature to be upgraded in the future*

	X1-Micro 1300	X1-Micro 1500	X1-Micro 1600	X1-Micro 1800	X1-Micro 2000	X1-Micro 2200	X1-Micro 2400
PV INPUT							
Commonly used module power per input	300 ~ 505+ W	320 ~ 540+ W	360 ~ 600+ W	400 ~ 600+ W	400 ~ 670+ W	450 ~700+ W	500 ~ 750+ W
Max. PV input voltage	60 V						
MPPT voltage range	22 ~ 60 V						
Start up voltage	20 V						
Max. PV input current	4 × 12 A	4 × 14 A	4 × 15 A	4 × 16 A	4 × 18 A	4 × 19.5 A	4 × 19.5 A
Max. input short circuit current	4 × 20 A	4 × 20 A	4 × 20 A	4 × 25 A	4 × 25 A	4 × 25 A	4 × 25 A
No. of MPP trackers	4						
Strings per MPP tracker	1						
AC OUTPUT							
Rated AC output power	1300 VA	1500 VA	1600 VA	1800 VA	2000 VA	2200 VA	2400 VA
Max. continuous output power	1300 VA	1500 VA	1600 VA	1800 VA	2000 VA	2200 VA	2400 VA
Max. continuous output current	5.91 A @220 V 5.66 A @230 V 5.42 A @240 V	6.82 A @220 V 6.53 A @230 V 6.25 A @240 V	7.28 A @220 V 6.96 A @230 V 6.67 A @240 V	8.19 A @220 V 7.83 A @230 V 7.50 A @240 V	9.10 A @220 V 8.70 A @230 V 8.34 A @240 V	10.00 A @220 V 9.57 A @230 V 9.17 A @240 V	10.91 A @220 V 10.43 A @230 V 10.00 A @240 V
Rated grid voltage	1 / N / PE, 220 / 230 / 240 V						
Rated AC voltage range	180 ~ 264 V						
Rated AC frequency	50 Hz / 60 Hz						
AC frequency / range	50 ± 5 Hz / 60 ± 5 Hz						
Max. units per 10AWG branch*	4@220 V 4@230 V 5@240 V	4@220 V 4@230 V 4@240 V	4@220 V 4@230 V 4@240 V	3@220 V 3@230 V 3@240 V	3@220 V 3@230 V 3@240 V	3@220 V 3@230 V 3@240 V	2@220 V 2@230 V 3@240 V
Max. units per 12AWG branch*	3@220 V 3@230 V 4@240 V	3@220 V 3@230 V 3@240 V	3@220 V 3@230 V 3@240 V	2@220 V 2@230 V 3@240 V	2@220 V 2@230 V 2@240 V	2@220 V 2@230 V 2@240 V	2@220 V 2@230 V 2@240 V
Power factor range	~ 1 (0.8 lagging to 0.8 leading)						
THDi (rated power)	< 3%						
EFFICIENCY							
Max. efficiency	96.50%						
MPPT efficiency	99.90%						
Power consumption (night)	< 40 mW						
STANDARD							
Safety	IEC62109						
EMC	IEC 61000, EN 62920, EN 301489, EN 55011						
Certifications	IEC 61727, IEC 62116, EN 50549, VDE 4105, UNE217001, UNE217002, RD244/647, NTS Version 2.1 TYPE A, INMETRO, PEA/MEA						
ENVIRONMENT LIMIT							
Ingress protection	IP67						
Operation temperature range	-40 ~ 75°C						
Relative humidity	0 ~ 100% RH (condensing)						
Storage temperature	-40 ~ 75°C						
GENERAL							
Dimensions (W x H x D)	322 × 242 × 48.5 mm						
Weight	6.2 kg						
Cooling concept	Natrual cooling						
Communication	Built-in WiFi						
Monitoring	SolaXCloud						

** Refer to local requirements for exact number of microinverters per branch*

Communication Diagram




SOLAX

PV SYSTEM PRODUCTS

Residential PV Inverter

Single-phase Residential On-grid Inverter

X1-MINI G4

0.6kW / 0.7kW / 0.8kW / 1.1kW / 1.5kW
2.0kW / 2.5kW / 3.0kW / 3.3kW

High Efficiency

- 200% PV oversizing and 16A input to support high-power panels
- Ultra-Wide MPPT voltage range
- Built-in global MPP scan

Assured Safety

- Type II SPD on AC & DC side
- Ready for rapid shutdown function
- AFCI support (optional)
- IP66 ingress protection

Intelligent Design

- 10s data refresh on SolaXCloud
- IV curve scan

Flexible Adaptability

- Built-in export power control function
- Supports parallel operation for up to 5 inverters, no external EMS required
- Smart loads management (e.g. heat pump, smart EV charger)

	X1-MINI-0.6K-G4	X1-MINI-0.7K-G4	X1-MINI-0.8K-G4	X1-MINI-1.1K-G4	X1-MINI-1.5K-G4	X1-MINI-2.0K-G4	X1-MINI-2.5K-G4	X1-MINI-3.0K-G4	X1-MINI-3.3K-G4
PV INPUT									
Max. recommended PV array power	1.2 kWp	1.4 kWp	1.6 kWp	2.2 kWp	3 kWp	4 kWp	5 kWp	6 kWp	6.6 kWp
Max. PV input voltage①	450 V						550 V		
Rated PV input voltage	360 V								
Operation voltage range	35 ~ 450 V						35 ~ 550 V		
MPPT voltage range②	40 ~ 450 V						40 ~ 550 V		
Start up voltage	50 V								
No. of MPP trackers / strings per MPP tracker	1 / 1								
Max. input current per MPPT	16 A								
Max. input short circuit current per MPPT	22 A								
AC OUTPUT									
Rated output power	600 W	700 W	800 W	1100 W	1500 W	2000 W	2500 W	3000 W	3300 W
Rated output current③	2.6 A	3.1 A	3.5 A	4.8 A	6.5 A	8.7 A	10.9 A	13.1 A	14.4 A
Max. output apparent power	600 VA	770 VA	800 VA	1210 VA	1650 VA	2200 VA	2750 VA	3300 VA	3300 VA
Max. output continuous current③	3.0 A	3.5 A	3.7 A	5.5 A	7.5 A	10.0 A	12.5 A	15.0 A	15.0 A
Rated AC voltage	1 / N / PE, 220 / 230 / 240 V								
Rated AC frequency	50 Hz / 60 Hz								
AC frequency range④	50 ± 5 Hz / 60 ± 5 Hz								
Adjustable power factor range	~ 1 (0.8 lagging to 0.8 leading)								
THDi (rated power)	< 3%								
EFFICIENCY									
Max. efficiency	98.0%								
European efficiency	96.0%				97.0%				
ENVIRONMENT LIMIT									
Ingress protection	IP66								
Operation temperature range	-25 ~ 60°C (> 45°C derating)								
Max. operation altitude	4000 m								
Relative humidity	0 ~ 100% RH (condensing)								
Overvoltage category	Mains: III, PV: II								
GENERAL									
Dimensions (W × H × D)	290 × 206 × 120 mm								
Net weight	5.2 kg						5.5 kg		
Cooling concept	Natural cooling								
Communication interfaces	RS 485, DRM, meter / CT (optional)								
Power consumption (night)	< 1 W								
Topology	Non-isolated								
Certifications	EN / IEC62109-1/ 2, IEC61727, EN50549, G98 G99, AS 4777.2, VDE4105, CEI 0-21, VFR								
AC auxiliary power supply (APS)	Optional								
PROTECTION									
Protection	Over / under voltage protection, DC isolation protection, Grid monitoring, DC injection monitoring, DC reverse-polarity protection, Back feed current monitoring, Residual current detection, Over temperature protection, Monitoring ground fault protection, String fault detection, AC overcurrent protection, AC short-circuit protection								
Active anti-islanding protection	Frequency shift								
Surge protection (DC / AC)	DC: Type II, AC: Type II								
Arc-fault circuit interrupter (AFCI)	Optional								

① The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage the inverter
② Input voltage exceeding the MPPT voltage range may trigger inverter protection
③ The two data refer to different grid voltage 220V/230V
④ The AC frequency range may vary from different country codes

Single-phase Residential On-grid Inverter

X1-BOOST G4

2.5kW / 3.0kW / 3.3kW / 3.6kW
4.0kW / 4.2kW / 5.0kW / 6.0kW

High Efficiency

200% PV oversizing and 16A input to support high-power panels
50V start up voltage

Assured Safety

- Type II SPD on AC & DC side
- Ready for rapid shutdown function
- AFCI support (optional)

Intelligent Design

10s data refresh on SolaXCloud
Easy configuration via WiFi & App
IV curve scan

Flexible Adaptability

- Supports parallel operation for up to 5 inverters, no external EMS required
- Smart loads management (e.g. heat pump, smart EV charger)
- Built-in export power control function

	X1-BOOST-2.5K-G4	X1-BOOST-3K-G4	X1-BOOST-3.3K-G4	X1-BOOST-3.6K-G4	X1-BOOST-4K-G4	X1-BOOST-4.2K-G4	X1-BOOST-5K-G4	X1-BOOST-6K-G4
PV INPUT								
Max. recommended PV array power	6.0 kWp	6.0 kWp	6.6 kWp	7.2 kWp	8.0 kWp	8.0 kWp	10.0 kWp	12.0 kWp
Max. PV input voltage①	600 V							
Rated PV input voltage	360 V							
Operation voltage range	35 ~ 600 V							
MPPT voltage range②	40 ~ 560 V							
Start up voltage	50 V							
No. of MPP trackers / strings per MPP tracker	2 / (1 / 1)							
Max. input current per MPPT	16 A / 16 A							
Max. input short circuit current per MPPT	22 A / 22 A							
AC OUTPUT								
Rated output power	2500 W	3000 W	3300 W	3680 W	4000 W	4200 W	5000 W③	6000 W
Rated output current	10.9 A	13.1 A	14.4 A	16.0 A	17.4 A④	18.3 A	21.7 A	26.1 A
Max. output apparent power	2750 VA	3300 VA	3630 VA	4048 VA⑤	4000 VA	4620 VA	5000 VA⑥	6000 VA
Max. output continuous current	12.0 A	14.4 A	15.8 A	17.6 A⑦	17.4 A⑧	20.1 A	21.7 A⑨	27.3 A
Rated AC voltage	1 / N / PE, 220 / 230 / 240 V							
Rated AC frequency	50 Hz / 60 Hz							
AC frequency range⑩	50 ± 5 Hz / 60 ± 5 Hz							
Adjustable power factor range	~ 1 (0.8 lagging to 0.8 leading)							
THDi (rated power)	< 3%							
EFFICIENCY								
Max. efficiency	98.0%							
European efficiency	97.0%							
ENVIRONMENT LIMIT								
Ingress protection	IP66							
Operation temperature range	-25 ~ 60°C							
Max. operation altitude	4000 m							
Relative humidity	0 ~ 100% RH (condensing)							
Overvoltage category	Mains: III, PV: II							
GENERAL								
Dimensions (W × H × D)	404 × 274 × 146 mm							
Net weight	11.0 kg						11.5 kg	
Cooling concept	Natural cooling							
Communication interfaces	RS 485, DRM, optional: meter, CT							
Power consumption (night)	< 3 W							
Topology	Non-isolated							
Certifications	IEC/EN 62109-1/-2, IEC61727, EN50549, G98/G99, AS 4777.2, VDE4105, CEI 0-21, VFR, PPDS, TOR							
AC auxiliary power supply (APS)	Optional							
PROTECTION								
Protection	Over / under voltage protection, DC isolation protection, DC reverse-polarity protection, Grid monitoring, DC injection monitoring, Back feed current monitoring, DC reverse-polarity protection							
Active anti-islanding protection	Frequency shift							
Surge protection (DC / AC)	DC: Type Ⅱ, AC: Type Ⅱ							
Arc-fault circuit interrupter (AFCI)	Optional							

① The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage the inverter
② Input voltage exceeding the MPPT voltage range may trigger inverter protection
③ 5000 W (4600 W for VDE4105, 4999 W for AS4777.2)
④ 17.4 A (16 A For G98) ⑤ 4048 VA (3680VA For G98/G99, TOR and PPDS) ⑥ 5000 VA (4600 VA for VDE4105, 4999 VA for AS4777.2)
⑦ 17.6 A (16 A For G98/G99, TOR and PPDS) ⑧ 17.4 A (16 A For G98) ⑨ 21.7 A (20 A for VDE4105)
⑩ The AC frequency range may vary from different country codes

Single-phase Residential On-grid Inverter

X1-SMART-G2

5kW / 6kW / 7kW / 8kW
9kW / 10kW

High Efficiency

- 3 MPP trackers for multi-orientation
- Max. 20A PV input current
- 200% PV oversizing & 110% AC overloading
- Built-in global MPP scan

Assured Safety

- Type II SPD on AC&DC side
- Ready for Rapid Shutdown function
- AFCI support (optional)

Intelligent Design

- Plug-and-Play communication terminal
- 10s data refresh interval & 24h consumption monitoring
- I-V Curve diagnosis

Flexible Adaptability

- Supports parallel operation for up to 5 inverters, no external EMS required
- Smart loads management (e.g., heat pump, smart EV charger)

**V1.2. Information may be subject to modify without notice. 650.00059.00*

	X1-SMT-5K-G2	X1-SMT-6K-G2	X1-SMT-7K-G2	X1-SMT-8K-G2	X1-SMT-9K-G2	X1-SMT-10K-G2
PV INPUT						
Max. recommended PV array power	10 kWp	12 kWp	14 kWp	16 kWp	18 kWp	20 kWp
Max. PV input voltage①	600 V					
Nominal PV input voltage	360 V					
Operating voltage range	35 ~ 600 V					
MPPT voltage range②	40 ~ 560 V					
Start-up voltage	50 V					
No. of MPP trackers / Strings per MPP tracker	3 / (1 / 1 / 1)					
Max. input current per MPPT	20 A / 20 A / 20 A					
Max. input short circuit current per MPPT	25 A / 25 A / 25 A					
AC OUTPUT						
Rated output power	4999 W	6000 W	7000 W	8000 W	9000 W	9999 W
Rated output current	21.8 A	26.1 A	30.5 A	34.8 A	39.2 A	43.5 A
Max. output apparent power	4999 VA	6600 VA	7700 VA	8800 VA	9900 VA	9999 VA
Max. output continuous current	22.8 A	30.0 A	35.0 A	40.0 A	45.0 A	45.5 A
Nominal AC voltage	1 / N / PE, 220 / 230 / 240 V					
Nominal AC frequency	50 Hz / 60 Hz					
AC frequency range③	50 ± 5 Hz / 60 ± 5 Hz					
Adjustable Power Factor range	~ 1 (0.8 lagging to 0.8 leading)					
THDi (Rated power)	< 3%					
EFFICIENCY						
Max. efficiency	98.2%					
European efficiency	97.5%					
ENVIRONMENT LIMIT						
Ingress protection	IP66					
Operating ambient temperature range	-25 ~ 60°C					
Max. operating altitude	4000 m					
Relative humidity	0 ~ 100%RH (condensing)					
Overvoltage Category	Mains: III, PV: II					
GENERAL						
Dimensions (W × H × D)	515 × 370 × 170 mm					
Net weight	19.5 kg					
Cooling concept	Nature cooling					
Communication interfaces	RS485, DRM, CT, Meter, WiFi, LAN, 4G, WiFi+LAN, WiFi+4G					
Power consumption (night)	< 3 W					
Topology	Non-isolated					
Certificates and approvals	IEC/EN 62109-1/-2, AS 4777.2:2020, G99, INMETRO, IEC61727					
PROTECTION						
Protection	Over / under voltage protection, DC isolation protection, DC reverse-polarity protection, Grid monitoring, DC injection monitoring, Back feed current monitoring, Residual current detection, Anti-islanding protection, Over temperature protection, DC reverse-polarity protection					
Active anti-islanding method	Frequency Shift					
Surge protection (DC / AC)	DC: Type II, AC: Type II					
Arc-fault circuit interrupter (AFCI)	Optional					

① The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage the inverter
② Input voltage exceeding the MPPT voltage range may trigger inverter protection
③ The AC frequency range may vary from different country codes

Three-phase Residential On-grid Inverter

X3-MIC G2

3.0kW / 4.0kW / 5.0kW / 6.0kW
8.0kW / 10.0kW / 12.0kW / 15.0kW

High Efficiency

- Up to 98.5% efficiency
- 32A per MPP tracker
- 200% DC oversizing & 110% AC overloading output
- Built-in global MPP scan

Assured Safety

- Type II SPD on AC & DC side (optional)
- AFCI support (optional)
- IP66 ingress protection

Intelligent Design

- 24h monitoring (WiFi / LAN / 4G)
- Smart loads management (e.g. heat pump, smart EV charger)

Flexible Adaptability

- Low start up voltage & ultra-wide MPPT range
- Built-in export power control
- Ultra-high power density

	X3-MIC-3K-G2	X3-MIC-4K-G2	X3-MIC-5K-G2	X3-MIC-6K-G2	X3-MIC-8K-G2	X3-MIC-10K-G2	X3-MIC-12K-G2	X3-MIC-15K-G2
PV INPUT								
Max. recommended PV array power	6 kWp	8 kWp	10 kWp	12 kWp	16 kWp	20 kWp	24 kWp	30 kWp
Max. PV input voltage①	1000 V							
Rated PV input voltage	640 V							
Operation voltage range	100 ~ 985 V							
MPPT voltage range②	120 ~ 980 V							
Start up voltage	150 V							
No. of MPP trackers / strings per MPP tracker	2 / (1 / 1)					2 / (1 / 1)③	2 / (2 / 1)	
Max. input current per MPPT	16 A / 16 A					16 A / 16 A③	32 A / 16 A	
Max. input short circuit current per MPPT	20 A / 20 A					20 A / 20 A③	40 A / 20 A	
AC OUTPUT								
Rated output power	3000 W	4000 W	5000 W	6000 W	8000 W	10000 W	12000 W	15000 W
Rated output current⑤	4.6 A	6.1 A	7.6 A	9.1 A	12.2 A	15.2 A	18.2 A	22.7 A
Max. output apparent power	3300 VA	4400 VA	5500 VA	6600 VA	8800 VA	11000 VA	13200 VA	15 000 VA
Max. output continuous current	4.8 A	6.4 A	8.0 A	9.6 A	12.8 A	16.0 A	19.1 A	22.7 A
Rated AC voltage	3 / N / PE, 220 / 380 V 3 / N / PE, 230 / 400 V							
Rated AC frequency	50 Hz / 60 Hz							
AC frequency range④	50 ± 5 Hz / 60 ± 5 Hz							
Adjustable power factor range	~ 1 (0.8 lagging to 0.8 leading)							
THDi (rated power)	< 3%							
EFFICIENCY								
Max. efficiency	98.3%							
European efficiency	97.8%							
ENVIRONMENT LIMIT								
Ingress protection	IP66							
Max. operation altitude	4000 m							
Relative humidity	0 ~ 100% RH (condensing)							
Overvoltage category	Mains: III / PV: II							
GENERAL								
Dimensions (W × H × D)	342 × 434 × 144.5 mm				342 × 434 × 156 mm			
Net weight	15.5 kg				17.0 kg		18.0 kg	
Cooling concept	Natural cooling				Smart air cooling			
Communication interfaces	RS485 / DRM, optional: meter							
Power consumption (night)	< 3 W							
Topology	Non-isolated							
Certifications	VDE4105, EN 50549, AS 4777.2, VDE4105, G98/G99, IEC 61727, IEC 62116, IEC 61683, IEC 60068, EN 50530, NB/T 32004 IEC/EN 62109-1, IEC/EN 62109-2							
PROTECTION								
Protections	Over / under voltage protection, DC isolation protection, DC reverse-polarity protection, Grid monitoring, DC injection monitoring, Back feed current monitoring, Residual current detection, Over temperature protection, AC overcurrent protection, AC short-circuit protection							
Active anti-islanding method	Frequency shift							
Surge protection (DC / AC)	Type II / Type II (optional)							
Arc-fault circuit interrupter (AFCI)	Optional							
AC auxiliary power supply (APS)	Optional							

① The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage the inverter
② Input voltage exceeding the MPPT voltage range may trigger inverter protection
③ Input 1 is optional with two strings (Max. input current: 32A, Max. short circuit current: 40A)
④ The AC frequency range may vary from different country codes

Three-phase Residential On-grid Inverter

X3-PRO G2

8kW / 10kW / 12kW / 15kW
17kW / 20kW / 25kW / 30kW

High Efficiency

- Up to 98.5% efficiency
- 32A per MPP tracker
- 150% DC oversizing & 110% AC overloading output
- Built-in global MPP scan
- Low start up voltage & ultra-wide MPPT range

Intelligent Design

- IP66 ingress protection
- 24h monitoring (WiFi / LAN / 4G)
- Smart loads management (e.g. heat pump, smart EV charger)

Assured Safety

- Type II SPD on AC & DC side
- AFCI support (optional)*

Flexible Adaptability

- Built-in export power control function
- Ultra-high power density

** Feature to be upgraded in the future*

	X3-PRO-8K-G2	X3-PRO-10K-G2	X3-PRO-12K-G2	X3-PRO-15K-G2	X3-PRO-17K-G2	X3-PRO-20K-G2	X3-PRO-25K-G2	X3-PRO-30K-G2
PV INPUT								
Max. recommended PV array power	12.0 kWp	15.0 kWp	18.0 kWp	22.5 kWp	25.5 kWp	30.0 kWp	37.5 kWp	45.0 kWp
Max. PV input voltage①	1100 V							
Rated PV input voltage	650 V							
Operation voltage range	135 ~ 985 V							
MPPT voltage range②	160 ~ 980 V							
Start up voltage	200 V							
No. of MPP trackers / strings per MPP tracker	2 / (2 / 2)						3 / (2 / 2 / 2)	
Max. input current per MPPT	32 A							
Max. input short circuit current per MPPT	40 A							
AC OUTPUT								
Rated output power	8 kW	10 kW④	12 kW	15 kW⑤	17 kW	20 kW	25 kW	30 kW⑥
Rated output current	12.2 A	15.2 A	18.2 A	22.8 A	25.8 A	30.3 A	37.9 A	45.5 A
Max. output apparent power	8.8 kVA	11.0 kVA④	13.2 kVA	16.5 kVA⑤	18.7 kVA	22.0 kVA	27.5 kVA	30.0 kVA⑥
Max. output continuous current	13.2 A	16.0 A	19.3 A	24.2 A	27.5 A	33.6 A	41.8 A	45.5 A
Rated AC voltage	3 / N / PE, 220 / 380 V 3 / N / PE, 230 / 400 V							
Rated AC frequency	50 Hz / 60 Hz							
AC frequency range③	50 ± 5 Hz / 60 ± 5 Hz							
Adjustable power factor range	~ 1 (0.8 lagging to 0.8 leading)							
THDi (rated power)	< 3%							
EFFICIENCY								
Max. efficiency	98.2%			98.3%			98.5%	
European efficiency	97.7%			97.8%			98.0%	
ENVIRONMENT LIMIT								
Ingress protection	IP66							
Operation temperature range	-30 ~ 60°C							
Max. operation altitude	4000 m							
Relative humidity	0 ~ 100 % RH (condensing)							
Overvoltage category	Mains: III / PV: II							
GENERAL								
Dimensions (W × H × D)	482 × 417 × 186 mm							
Net weight	24.5 kg			26.0 kg			28.0 kg	
Cooling concept	Natural cooling			Smart air cooling				
Communication interfaces	RS 485 / DRM, optional: meter							
Power consumption (night)	< 3 W							
Topology	Non-isolated							
Certifications	VDE4105, EN 50549, AS 4777.2, IEC 61727, IEC 62116, IEC 61683, IEC 60068, EN 50530, NB/T 32004, IEC/EN 62109-1, IEC/EN 62109-2							
AC auxiliary power supply (APS)	Optional							
PROTECTION								
Protections	Over / under voltage protection, DC isolation protection, DC reverse-polarity protection, Grid monitoring, DC injection monitoring, Back feed current monitoring, Residual current detection, Over temperature protection, AC overcurrent protection, AC short-circuit protection							
Active anti-islanding method	Frequency shift							
Surge protection (DC / AC)	DC: Type II, AC: Type II							
Arc-fault circuit interrupter (AFCI)	Optional							

① The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage the inverter
② Input voltage exceeding the MPPT voltage range may trigger inverter protection
③ The AC frequency range may vary from different country codes
④ 9999 W / VA for AS4777.2
⑤ 14999 W / VA for AS4777.2
⑥ 29999 W / VA for AS4777.2


SOLAX
POWER

PV SYSTEM PRODUCTS

C&I PV Inverter

Three-phase C&I On-grid Inverter

X3-MEGA G2

40kW / 50kW / 60kW

High Efficiency

- Up to 98.4% efficiency
- 32A per MPP tracker
- 180~1000Vdc MPPT voltage range
- 150% PV oversizing, 110% overloading output

Assured Safety

- IP66 protection degree
- Type II SPD on AC&DC side (Optional)
- String current monitoring
- 24 hours operation monitoring

Intelligent Design

- Night-time reactive power compensation
- Smart air cooling enhances fan longevity
- Heat dissipation reduces system weight & size by over 10%
- I-V Curve diagnosis

Flexible Adaptability

- Built-in export power control function
- Remote setting and upgrading
- Aluminium AC cable connection available
- Max. 6 MPPTs, 2 strings per MPP tracker

*V3.2. Information may be subject to modify without notice. 650.00002.00

	X3-MGA-40K-G2	X3-MGA-50K-G2	X3-MGA-60K-G2
PV INPUT			
Max. recommended PV array power	60 kWp	75 kWp	90 kWp
Max. PV input voltage①	1100 V		
Nominal PV input voltage	600 V		
Operating voltage range	200 ~ 1000 V		
MPPT voltage range②	180 ~ 1000 V		
Start-up voltage	200 V		
No. of MPP trackers / Strings per MPP tracker	4 / 2	5 / 2	6 / 2
Max. input current per MPPT	32 A		
Max. input short circuit current per MPPT	46 A		
AC OUTPUT			
Rated output power	40 kW	50 kW	60 kW
Rated output current③	60.6 A / 58 A	75.8 A / 72.5 A	90.9 A / 87 A
Max. output apparent power	44 kVA	55 kVA	66 kVA
Max. output continuous current③	66.7 A / 63.8 A	83.3 A / 79.7 A	100 A / 95.7 A
Nominal AC voltage	3 / (N) / PE, 220 / 380 V 3 / (N) / PE, 230 / 400 V		
Nominal AC frequency	50 Hz / 60 Hz		
AC frequency range④	50 ± 5 Hz / 60 ± 5 Hz		
Adjustable Power Factor range	~ 1 (0.8 lagging to 0.8 leading)		
THDi (rated power)	< 3%		
EFFICIENCY			
Max. efficiency	98.4%		
European efficiency	98.1%		
ENVIRONMENT LIMIT			
Ingress protection	IP66		
Operating ambient temperature range	-25 ~ 60°C		
Max. operating altitude	4000 m		
Relative humidity	0 ~ 100% RH		
Overvoltage Category	Mains: III, PV: II		
GENERAL			
Dimensions (W × H × D)	630 × 521 × 286 mm		
Net weight	44.0 kg	44.5 kg	45.5 kg
Cooling concept	Smart cooling		
Communication interfaces	RS485, DRM, Meter		
Power consumption (night)	< 2 W		
Topology	Non-isolated		
Certificates and approvals	IEC/EN 62109-1, IEC/EN 62109-2, NB/T 32004, EN 50549, AS4777.2, VDE4105, IEC 61727, IEC 62116, IEC 61683, IEC 60068, EN 50530		
AC auxiliary power supply (APS)	Optional		
PROTECTION			
Protections	Over / under voltage protection, DC isolation protection, DC reverse-polarity protection, Grid monitoring, DC injection monitoring, Back feed current monitoring, Residual current detection, AC overcurrent protection, String fault detection, AC overcurrent protection, AC short-circuit protection		
Active anti-islanding method	Frequency shift		
Surge protection (DC / AC)	DC: Type II, AC: Type II		
Arc-fault circuit interrupter (AFCI)	Optional		
Anti-PID	External		

① The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage the inverter
② Input voltage exceeding the MPPT voltage range may trigger inverter protection
③ The two data refer to different grid voltage 220V/230V (75~125kW models) or 500V/540V (136~150kW models)
④ The AC frequency range may vary from different country codes

Three-phase C&I On-grid Inverter

X3-FORTH

75kW / 80kW / 100kW / 110kW
120kW / 125kW / 136kW / 150kW

High Efficiency

- Up to 99% efficiency
- 32A per MPP tracker
- 180~1000Vdc MPPT voltage range
- 150% PV oversizing, 110% overloading output
- Max. 12 MPPTs, 2 strings per MPP tracker

Assured Safety

- IP66 protection degree
- AFCI support (optional)
- AC terminal temperature detection
- String current monitoring
- 24 hours operation monitoring
- Type II SPD on AC&DC side

Intelligent Design

- Night-time reactive power compensation
- Smart air cooling enhances fan longevity
- Heat dissipation reduces system weight & size by over 5%
- I-V curve diagnosis

Flexible Adaptability

- Built-in export power control function
- Remote setting and upgrading
- Aluminium AC cable connection available

**V3.1.1 Information may be subject to modify without notice. 650.00001.00*

	X3-FTH-75K	X3-FTH-80K	X3-FTH-100K	X3-FTH-110K	X3-FTH-120K	X3-FTH-125K	X3-FTH-136K-MV	X3-FTH-150K-MV
PV INPUT								
Max. recommended PV array power	120 kWp	120 kWp	150 kWp	165 kWp	180 kWp	188 kWp	204 kWp	225 kWp
Max. PV input voltage①	1100 V							
Nominal PV input voltage②	580 V / 600 V	580 V / 600 V	580 V / 600 V	580 V / 600 V	580 V / 600 V	580 V / 600 V	730 V / 785 V	730 V / 785 V
Operating voltage range	200 ~ 1000 V							
MPPT voltage range③	180 ~ 1000 V							
Start-up voltage	200 V							
No. of MPP trackers / Strings per MPP tracker	9 / 2	9 / 2	9 / 2 12 / 2④	9 / 2 12 / 2④	12 / 2	12 / 2	12 / 2	12 / 2
Max. input current per MPPT	32 A							
Max. input short circuit current per MPPT	46 A							
AC OUTPUT								
Rated output power	75 kW	80 kW	100 kW	110 kW	120 kW	125 kW	136 kW	150 kW
Rated output current②	113.7 A / 108.7 A	121.3 A / 116 A	151.6 A / 145 A	166.7 A / 159.5 A	181.9 A / 174 A	189.4 A / 181.2 A	157.1 A / 145.4 A	173.2 A / 160.4 A
Max. output apparent power	75 kVA	88 kVA	110 kVA	121 kVA	132 kVA	132 kVA	149.6 kVA	165 kVA
Max. output continuous current②	113.7 A / 108.7 A	133.4 A / 127.6 A	166.7 A / 159.5 A	183.4 A / 175.4 A	200 A / 191.3 A	200 A / 191.3 A	172.8 A / 160 A	190.6 A / 176.5 A
Nominal AC voltage	3 / (N) / PE, 220 / 380 V 3 / (N) / PE, 230 / 400 V						3 / PE, 500 / 540 V	
Nominal AC frequency	50 Hz / 60 Hz							
AC frequency range⑤	50 ± 5 Hz / 60 ± 5 Hz							
Adjustable Power Factor range	~ 1 (0.8 lagging to 0.8 leading)							
THDi (rated power)	< 3%							
EFFICIENCY								
Max. efficiency	98.6%						99.0%	
European efficiency	98.3%						98.5%	
ENVIRONMENT LIMIT								
Ingress protection	IP66							
Operating ambient temperature range	-25 ~ 60°C							
Max. operating altitude	4000 m							
Relative humidity	0 ~ 100% RH							
Overvoltage Category	Mains: III, PV: II							
GENERAL								
Dimensions (W × H × D)	985 × 660 × 327.5 mm							
Net weight	83 kg				87 kg			
Cooling concept	Smart cooling							
Communication interfaces	RS485, DRM							
Power consumption (night)	< 10 W							
Topology	Non-isolated							
Certificates and approvals	IEC/EN 62109-1, IEC/EN 62109-2, NB/T 32004, EN 50549, AS4777.2, VDE4105, IEC 61727, IEC 62116, IEC 61683, IEC 60068, EN 50530							
AC auxiliary power supply (APS)	Build-in							
PROTECTION								
Protections	Over / under voltage protection, DC reverse-polarity protection, DC isolation protection, Grid monitoring, DC injection monitoring, Back feed current monitoring, Residual current detection, Over temperature protection, String fault detection, AC overcurrent protection, AC short-circuit protection							
Active anti-islanding method	Frequency shift							
Surge protection (DC / AC)	DC: Type II, AC: Type II							
Arc-fault circuit interrupter (AFCI)	Optional							
Anti-PID	External							

① The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage the inverter
② The two data refer to different grid voltage 220V/230V (75~125kW models) or 500V/540V (136~150kW models)
③ Input voltage exceeding the MPPT voltage range may trigger inverter protection
④ 9/12MPPTs is optional for 100kW and 110kW models
⑤ The AC frequency range may vary from different country codes

Utility Scale Distributed On-grid Inverter

X3-FORTH PLUS

120kW / 125kW / 136kW / 150kW

High Efficiency

- Up to 98.6% efficiency
- 200% oversizing
- 180~1000V, up to 65A per MPPT
- Maintains full power up to 50°C, with operation range from -25°C to 60°C

Intelligent Design

- Fan self-cleaning function for easier maintenance
- Night-time SVG voltage regulation support
- Remote settings and upgrades
- 24-hour monitoring

Assured Safety

- IP66 ingress protection
- AFCI support (optional)
- AC terminal over temperature detection
- Automatic tripping DC switch
- Type II SPD on AC & DC side

Flexible Adaptability

- 6 MPPTs, 4 strings per MPPT for precise power
- Reliable up to 5000m altitude
- Power line communication (PLC) (optional)*
- Built-in Anti-PID protection (optional)*

** Feature to be upgraded in the future*

	X3-FTH-120K-P	X3-FTH-125K-P	X3-FTH-136K-P	X3-FTH-150K-P
PV INPUT				
Max. recommended PV array power	240 kWp	250 kWp	272 kWp	300 kWp
Max. PV input voltage①	1100 V			
Rated PV input voltage	580 V / 600 V			
Operation voltage range	200 ~ 1000 V			
MPPT voltage range②	180 ~ 1000 V			
Start up voltage	200 V			
No. of MPP trackers / strings per MPP tracker	6 / 4			
Max. input current per MPPT	65 A			
Max. input short circuit current per MPPT	82 A			
AC OUTPUT				
Rated output power	120 kW	125 kW	136 kW	150 kW
Rated output current	181.8 A / 174 A	189.4 A / 181.2 A	206.6 A / 196.3 A	227.3 A / 217.4 A
Max. output apparent power	132 kVA	137.5 kVA	150 kVA	165 kVA
Max. output continuous current	200.6 A @ 380 V	209 A @ 380 V	228 A @ 380 V	250.7 A @ 380 V
Max. short circuit current	500 A			
Rated AC voltage	3 / (N) / PE, 220 / 380 V, 230 / 400 V			
Rated AC frequency	50 Hz / 60 Hz			
AC frequency range③	50 ± 5 Hz / 60 ± 5 Hz			
Adjustable power factor range	~ 1 (0.8 lagging to 0.8 leading)			
THDi (rated power)	< 3%			
EFFICIENCY				
Max. efficiency	98.6%			
European efficiency	98.2%			
ENVIRONMENT LIMIT				
Ingress protection	IP66			
Operation temperature range	-25 ~ 60°C (> 50°C derating)			
Max. operation altitude	5000 m (derating above 4000 m)			
Relative humidity	0 ~ 100% RH (condensing)			
Overvoltage category	Mains: III, PV: II			
GENERAL				
Dimensions (W × H × D)	1082 × 724 × 373 mm			
Net weight	99.8 kg			
Cooling concept	Smart air cooling			
Communication interfaces	RS485, optional: PLC, Pocket WiFi / LAN / 4G			
Power consumption (night)	< 10 W			
Topology	Non-isolated			
Certifications	IEC 61727, IEC 62116, VDE4110, VDE4105, EN50549, NRS097, G99, RD1699, PPDS2020, CEI0-21, CEI0-16, VFR 2019			
PROTECTION				
Protections	Over / under voltage protection, DC isolation protection, DC reverse-polarity protection, Grid monitoring, DC injection monitoring, Back feed current monitoring, Residual current detection, Over temperature protection			
Active anti-islanding method	Frequency shift			
Surge protection (DC / AC)	DC: Type II (optional Type I + II), AC: Type II			
Arc-fault circuit interrupter (AFCI)	Optional			
AC auxiliary power supply (APS)	Built-in			
Anti-PID	Optional			

①The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage inverter
②Input voltage exceeding the MPPT voltage range may triggers inverter protection
③The AC frequency range may vary from different country codes

Three-phase On-grid Inverter

X3-GRAND HV

300kW / 320kW / 333kW / 350kW

High Efficiency

- Up to 99.03% efficiency
- 500~1500 Vdc MPPT range
- Max. 75A DC input per MPPT, optimized for high-power solar panel

Assured Safety

- AC terminal temperature detection
- AFCI support (optional)*
- IP66 ingress protection
- Effective Anti-PID protection (optional)*
- Optional Type I+II SPD on DC side & Type II SPD on AC side*

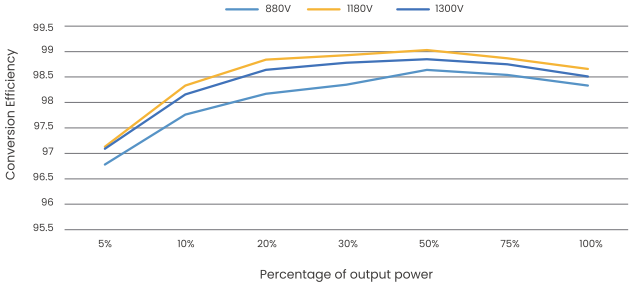
Intelligent Design

- IV curve scan
- 24 hours monitoring
- Night-time SVG voltage regulation support

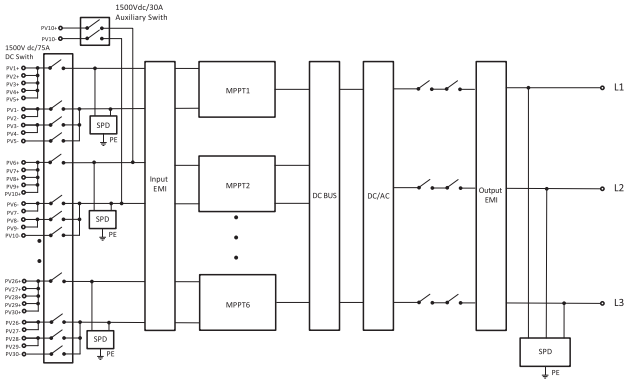
Flexible Adaptability

- 6 MPPTs, 5 strings per MPPT for precise power
- Power line communication (PLC)

Efficiency Curve



Circuit Diagram



** Feature to be upgraded in the future*

	X3-GRD-300K-HV	X3-GRD-320K-HV	X3-GRD-333K-HV	X3-GRD-350K-HV
PV INPUT				
Max. PV input power per MPPT	450 kWp	480 kWp	499.5 kWp	525 kWp
Max. PV input voltage①	1500 V			
Rated PV input voltage	1080 V			
Operation voltage range	550 ~ 1500 V			
MPPT voltage range②	500 ~ 1500 V			
Start up voltage	550 V			
No. of MPP trackers / strings per MPP tracker	6 / 5			
Max. input current per MPPT	75 A			
Max. input short circuit current per MPPT	115 A			
AC OUTPUT				
Rated output power	300 kW	320 kW	333 kW	350 kW
Rated output current	216.6 A	231 A	240.3 A	252.6 A
Max. output apparent power	300 kVA	320 kVA	333 kVA	352 kVA
Max. output continuous current	216.6 A	231 A	240.3 A	254 A
Rated AC voltage	3 / PE, 800 V			
Rated AC frequency	50 Hz / 60 Hz			
AC frequency range③	50 ± 5 Hz / 60 ± 5 Hz			
Adjustable power factor range	-0.8 lagging to 0.8 leading			
THDi (rated power)	< 3%			
EFFICIENCY				
Max. efficiency	99.03%			
European efficiency	98.80%			
ENVIRONMENT LIMIT				
Ingress protection	IP66			
Operation temperature range	-30 ~ 60°C			
Max. operation altitude	5000 m			
Relative humidity	0 ~100% RH (condensing)			
Overvoltage category	Mains: III, PV: II			
GENERAL				
Dimensions (W × H × D)	1225 × 825.5 × 369.1 mm			
Net weight	< 130 kg			
Cooling concept	Smart air cooling			
Communication interfaces	RS485 / PLC / DRM / DI * 1/DO * 1			
Power consumption (night)	15 W			
Topology	Non-isolated			
Certifications	IEC 61727, IEC 62116, VDE4110, VDE4105, EN50549, NRS097, G99, RD1699, PPDS2020, CEI0-21, CEI0-16, VFR 2019			
AC auxiliary power supply (APS)	Built-in			
PROTECTION				
Over / under voltage protection	Yes			
DC isolation protection	Yes			
DC reverse-polarity protection	Yes			
Grid monitoring	Yes			
DC injection monitoring	Yes			
Back feed current monitoring	Yes			
Residual current detection	Yes			
Over temperature protection	Yes			
AC overcurrent protection	Yes			
AC short-circuit protection	Yes			
Active anti-islanding method	Frequency shift			
Surge protection (DC / AC)	Type II / Type II (optional: DC side Type I + Type II)			
Arc-fault circuit interrupter (AFCI)	Optional			
Anti-PID	Optional			

① The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage inverter
② Input voltage exceeding the MPPT voltage range may triggers inverter protection
③ The AC frequency range may vary from different country codes

PV SYSTEM PRODUCTS

Smart EV Charger

EV Charger

SMART EV CHARGER

X1-EVC

7.2kW

X3-EVC

11kW / 22kW

High Efficiency

- Capable of 100% green energy
- Maximizes surplus green energy utilization in a zero-export system

Assured Safety

- Current leakage protection (30mA AC & 6mA DC)
- Smart dynamic load balance control

Intelligent Design

- Smart RFID management function
- Smart APP remote control

Flexible Adaptability

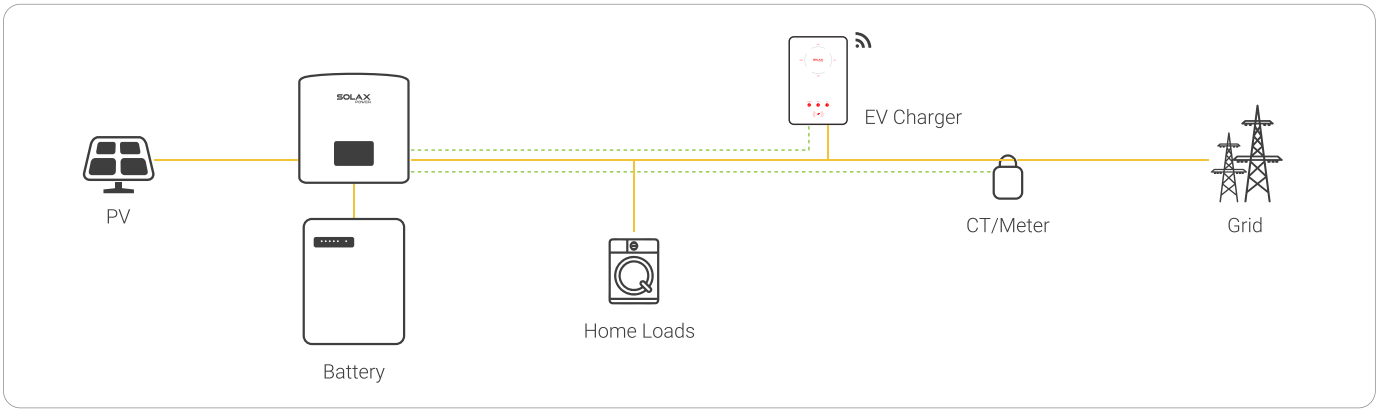
- Selectable plug or socket outlet
- Easy indoor and outdoor installation

*V1.3. Information may be subject to modify without notice. 650.00043.00

	X1-EVC-7.2K	X3-EVC-11K	X3-EVC-22K
AC NOMINAL INPUT			
Phases/Lines	Single phase	Three phase	Three phase
Voltage	1 / N / PE, 230 V	3 / N / PE, 230 / 400 V	3/N/PE, 230 / 400 V
Frequency	50 ± 5 Hz / 60 ± 5 Hz	50 ± 5 Hz / 60 ± 5 Hz	50 ± 5 Hz / 60 ± 5 Hz
AC NOMINAL OUTPUT			
Voltage	1 / N / PE, 230 V	3 / N / PE, 230 / 400 V	3 / N / PE, 230 / 400 V
Current	32 A	16 A	32 A
Power	7.2 kW	11 kW	22 kW
INTERFACE			
Wireless module	Wi-Fi 2.4GHz		
Ethernet	10 / 100 M		
RS485	Yes		
RFID	Yes		
OCPP 1.6 (JSON)	Yes		
LCD screen	Optional		
CT clamps	X1	X3	X3
GENERAL DATA			
Housing material	Plastic / Metal		
Installation method	Wall-mount / Pedestal-mount (Optional)		
Wall-mount bracket	Yes		
Charging outlet	Type P (Charging cable with plug) / Type S (Socket-outlet)		
Cable length	6.5 m (Type P)		
Operating temperature	-30 ~ 50°C		
Working humidity	5 ~ 95% RH (non-condensing)		
Working altitude	＜2000 m		
Degree of protection	IP65		
Impact resistant	IK10 (Housing) / IK08 (LCD screen)		
Application site	Indoor / Outdoor		
Cooling concept	Natural cooling		
Dimension (W × H × D)	249 × 370 × 155 mm (for type S) / 265 × 370 × 155 mm (for type P)		
Net weight	7 kg (for type S) / 10.5 kg (for type P)		
PROTECTION			
Multiple protection	Over/Under voltage protection, Overload protection, Shortcircuit protection, Current leakage protection, Grounding protection, Surge protection, Overtemperature protection		
Integral earth leakage protection	Integrated current failure monitoring (30mA AC & 6mA DC)		
Built-in pen fault technology①	According to BS 7671:2018 requirements		
Safety standard	IEC 61851-1:2017, IEC 62196-2:2016		
Encrypted communication	TLS		
Certification	CE, UKCA, LVD, EMC, RED		

① Only for chargers sold in the UK region

Solution



EV Charger

Smart EV Charger G2

X1-HAC-4 / X1-HAC-7
X3-HAC-11 / X3-HAC-22

High Efficiency

- Capable of 100% green energy
- Automatic switch between single and three phases
- Maximizing surplus green energy utilization in a zero-export system

Assured Safety

- Current leakage protection (30mA AC & 6mA DC)
- Smart dynamic load balance control

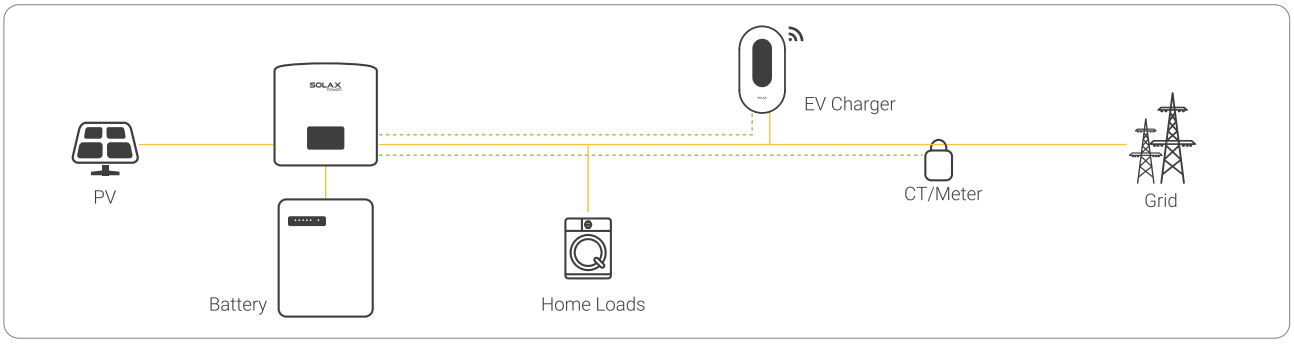
Intelligent Design

- Smart RFID management function
- Smart APP remote control

Flexible Adaptability

- Selectable plug or socket outlet
- Easy indoor and outdoor installation
- Supporting multiple communication protocols

Solutions



	X1-HAC-4	X1-HAC-7	X3-HAC-11	X3-HAC-22
AC NOMINAL INPUT				
Voltage	230 V	230 V	400 V	400 V
Frequency	50 Hz / 60 Hz	50 Hz / 60 Hz	50 Hz / 60 Hz	50 Hz / 60 Hz
Grounding type	TN, TT, IT	TN, TT, IT	TN, TT, IT	TN, TT, IT
AC NOMINAL OUTPUT				
Voltage	230 V	230 V	400 V	400 V
Current	6-20 A (single phase)	6-32 A (single phase)	6-16 A (single phase or three phases)	6-32 A (single phase or three phases)
Power	1.4 ~ 4.6 kW	1.4 ~ 7.2 kW	1.4 ~ 11 kW	1.4 ~ 22 kW
INTERFACE & COMMUNICATION				
Communication interface	Wi-Fi / Ethernet / 4G (optional) / RS 485 × 2			
Protocol	OCPP 1.6j, Modbus TCP, Modbus RTU, Cloud API			
Communication	IEC 61851-1, ISO 15118 (optional)			
Authentication	Plug & Charge / RFID (ISO-14443-A) / APP			
MID meter	External (optional)			
HMI	RGB LED / APP / LCD (optional)			
Remote control	APP & Web			
Application	Residential / Destination place / Public			
GENERAL DATA				
Housing material	PC			
Installation method	Wall / Pedestal (optional)			
Charging outlet	Type2 plug / Type2 socket (IEC 62196)			
Cable length	6.5 m (Type P)			
Operation temperature	-30 ~ 50°C			
Storage temperature	-40 ~ 60°C			
Operation humidity	5% ~ 95% RH (non-condensing)			
Max. operation altitude	2000 m			
Degree of protection	IP65 (plug type) / IP54 (socket type) IK10 (housing) / IK08 (screen)			
Cooling method	Nature cooling			
Application site	Indoor / Outdoor			
Weight	5 kg for plug type	3 kg for socket type 5 kg for plug type	3 kg for socket type 6.5 kg for plug type	3 kg for socket type 6.5 kg for plug type
Dimension (W × H × D)	206 × 390 × 139 mm			
PROTECTION				
Multiple protection	Over/Under voltage protection, Overload protection, Shortcircuit protection, Current leakage protection, Grounding protection, Surge protection, Overtemperature protection			
Theft protection	Support theft protection with a padlock			
Integral earth leakage protection	Integrated current failure monitoring (30 mA AC & 6 mA DC)			
Cable protection	Cable lock (APP control)			
Relay protection	Relay weld detection			
Built-in PEN fault technology	According to BS 7671:2018 requirements①			
Standards	IEC 61851-1:2017, IEC 62196-2:2016			

Only①for chargers sold in the UK region

PV SYSTEM PRODUCTS

Accessories

Accessories

ECC
(Energy Control Center)

Communication & Maintenance

- Wi-Fi, 4G and Ethernet
- Support RS485 & Ethernet for peripherals
- Remote operation and maintenance

Monitor & Control

- Internal relay available to control external devices
- Load consumption monitoring
- Support local firmware update
- Export control, Ripple control, DRM control

ECC (Energy Control Center)

	COMMUNICATION TO SOLAX CLOUD
Ethernet	RJ45 × 1, 10/100Mbps
Wireless	Wi-Fi: 802.11b/g/n / 4G: CAT-M1*
SIM card size	Nano - 4FF 12.3 × 8.8 mm
Sample rate	Per 5 minutes
	COMMUNICATION TO PERIPHERALS
RS485	COM × 1, 115200bps, COM × 3, 19200bps, Modbus-RTU
DRM (for AU/NZ only)	DRM 0 / 1 / 5 / 6 / 7 / 8
Analog input	For external sensor device connection
Digital input	For external control device connection
Digital output	Control external AC contact or relay
USB interface	5 Vdc - 0.5 A Output × 1
	POWER DATA
DC power supply type	External adapter
Adapter input Voltage / frequency	100 - 240 V 50 / 60 HZ
Adapter output voltage / current	11.4 - 12.6 V / 2 A
Power consumption	10 W
	MECHANICAL DATA
Dimensions (W × H × D)	210 × 113 × 26 mm (without antennas)
Weight	0.3 kg
Operating ambient temperature range	-20 ~ 60°C (-40 ~140°F)
Installation method	Wall mounting / Desktop mounting
Cooling	Natural Convection
Environmental rating	Indoor - IP20
	INTERACTION
LED Indicator × 4 – RUN, SERVE1, SERVE2, ALM	LED Indicator × 4 – RUN, SERVE1, SERVE2, ALM
SolaX Cloud	SolaX Cloud
	COMPATIBILITY
Microinverter	A1- Micro Series, X1- Micro Series
	COMPLIANCE
Compliance	CE, FCC

Note: This is optional in Europe

Accessories

ECC-PLC

Communication & Maintenance

- Bidirectional communication for remote upgrades
- Built-in industrial-grade PLC module
- Remote operation and maintenance

Monitor & Control

- Real-time load control and PV production monitoring
- Web-based monitoring and control

ECC-PLC

	COMMUNICATION TO MICROINVERTER
Communication signal	PLC
Maximum communicating inverters*	40
	COMMUNICATION TO ECC
RS485	COM × 1, 115200bps, Modbus-RTU
	POWER DATA
AC power supply	100-240 VAC, 50-60 Hz Single Phase (Three Phase Optional)
ECC-PLC breaker	2-Pole And Maximum 20 A Overcurrent Protection Required
Power consumption	5 W
	MECHANICAL DATA
Dimensions(W × H × D)	218 × 122 × 50 mm
Weight	0.5 kg
Operating ambient temperature range	-40 ~ +60°C (-40 ~ 140°F)
Installation method	Wall mounting / Rail mounting
Cooling	Natural Convection
Environmental rating	Indoor - IP20
	INTERACTION
LED indicators	LED Indicator × 1 – RUN
	OTHER FEATURES
CT sensor	Production and consumption metering
Meter accuracy	Integrated PV production metering (+/- 1.0% via CT) and consumption monitoring (+/- 1.0% via CT)
	COMPABILITY
Microinverter	A1-Micro Series
	COMPLIANCE
Compliance	CSA C22,2 N0.61010-1-12.UL61010-1. CSA-C22.2 No.61010-2-030:18,UL61010-2-030 FCC SDOC

*Number of inverters supporting PLC communication

Accessories

ADAPTER BOX G2

High Efficiency

- Maximizing surplus green energy utilization
- Supports multiple types of loads

Assured Safety

- Inverter disconnection protection
- TLS communication protection

Intelligent Design

- Wi-Fi network connection
- Smart APP control

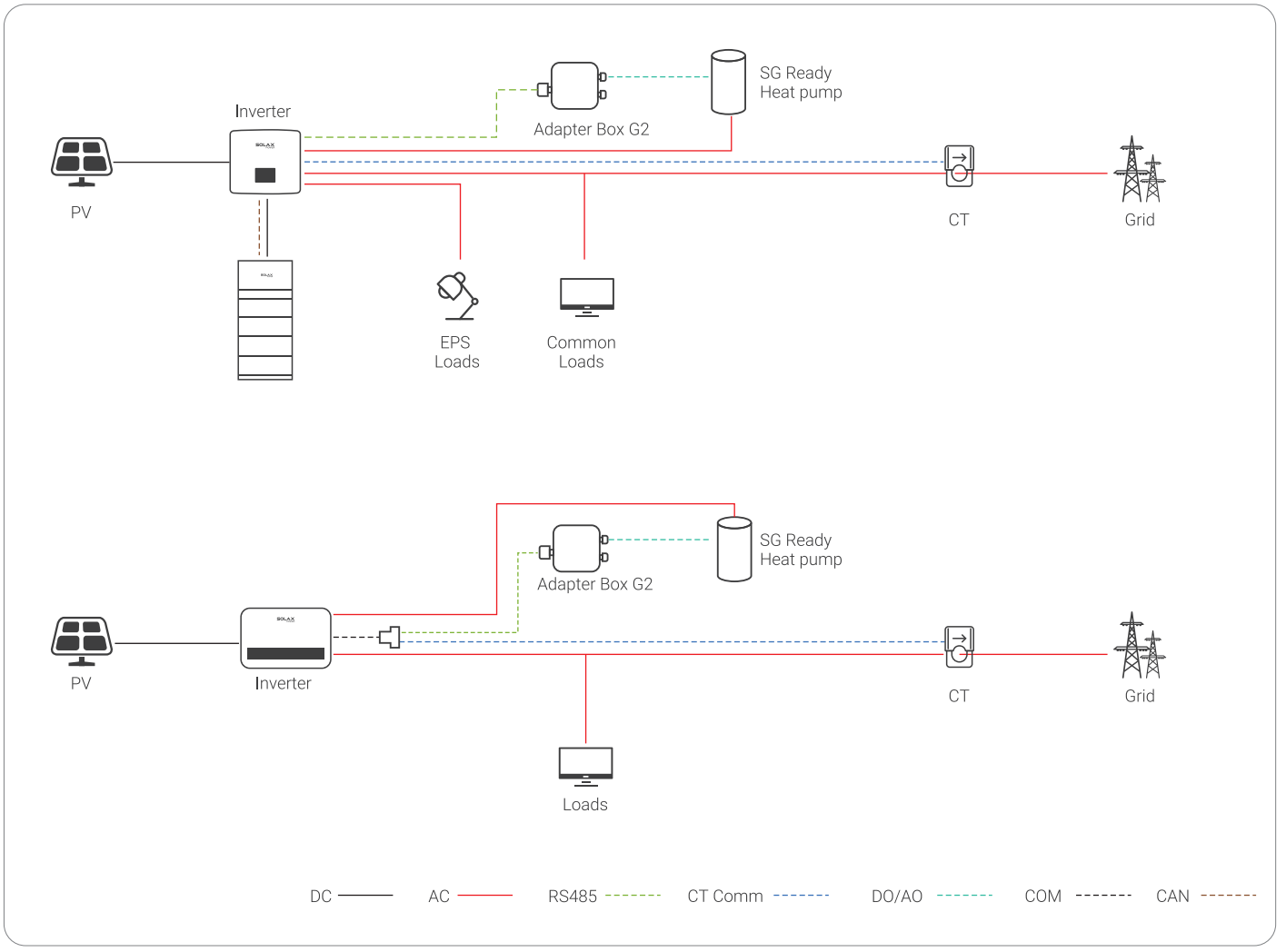
Flexible Adaptability

- Customizable schedule control
- Supports multiple types of signals

Adapter Box G2

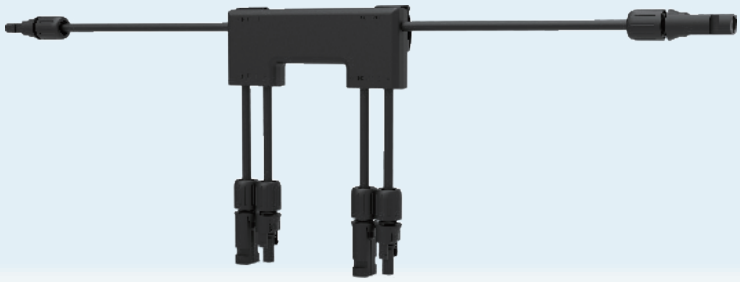
	ELECTRICAL PARAMETER
Power adapter	100 ~ 240 V, 50 / 60Hz, AC power adapter (Optional), 12V 2A, DC input
Power consumption	2.5 W
Digital output	*4, 2 A 30 Vdc
Analog output	*1, 0 ~ 10 Vdc
	COMMUNICATION
Inverter communication	RS485
Wireless module	WiFi 2.4 GHz
Eirp power	17.46 dBm
Demand control interface	Yes
	GENERAL PARAMETERS
Dimensions (W × H × D)	125 × 125 × 75 mm
Weight	0.4 kg
Operation temperature rangeIngress	-30 ~ 60 °C
protection	IP65
Installation	Wall mounting
	STANDARD
Certifications	RED / FCC / RCM / RoHS

Solutions



Rapid Shutdown Device

XRSD-1C



XRSD-2C

Prioritizing safety and rapid shutdown capabilities, the XRSD series offers a sophisticated module-level solution that guarantees the smooth functioning of both new and existing PV systems. Once activated by the SolaX Transmitter—XRSD-Core Kit, the XRSD modules ensure your connected PV system remains operational.

In case of emergencies, you have multiple shutdown options: either remotely control each individual panel through the SolaX cloud, toggle the AC breaker on the Transmitter, or engage the E-STOP button. This versatility makes the XRSD system a reliable safety measure for quick deactivation of your PV system as needed.

Note: To achieve rapid shutdown, please use with the TRANSMITTER KIT (Model: XRSD-CORE KIT).

High Efficiency

- Max. 20A PV input current
- Lower power consumption & wider operating voltage

Assured Safety

- Module-level rapid shutdown
- IP68 with unrivaled reliability

Intelligent Design

- Faster installation with plug-and-play cables and connectors
- Ultra-low signal noise, enhancing system stability

Flexible Adaptability

- Compatible with all SolaX inverters and other major inverter brands*
- Compatible with mainstream PV panels

**Compatibility testing required*

**V1.3.1 Information may be subject to modify without notice.650.00050.00*
**V1.4.1 Information may be subject to modify without notice.650.00051.00*

	XRSD-1C	XRSD-2C
ELECTRICAL DATA		
Input voltage range	8 ~ 80 V	
Output voltage range	8 ~ 80 V	16 ~ 160 V
Max. PV input current	20 A	
Max. short circuit current	26 A	
Recommended fuse rating	30 A	
Maximum system voltage	1500 V	
MECHANICAL		
Dimensions (without cables and connectors)	130 × 36 × 21 mm	135 × 59 × 20 mm
Weight	400 g	720 g
Input connectors	MC4 (Standard)	
Input cable length	0.2 m	0.45 m
Output connectors	MC4 (Standard)	
Output cable length	1.2 m	2.4 m
Communication type	PLC	
ENVIRONMENT LIMIT		
Protection class	IP68 / NEMA6P	
Operating temperature range	-40 ~ 85°C	
COMPLIANCE		
Safety	EN 62109-1:2010	
EMC	EN IEC 61000-6-1 / 2 / 3 / 4; EN IEC 61000-3-2 / 3 / 11 / 12; EN 55011	

Rapid Shutdown Device

XRSD-CORE KIT

The Solax XRSD-Core Kit, in tandem with Rapid Shutdown Devices, forms a crucial segment of the Solax rapid shutdown system. Here's how it functions:

- Once activated, it continuously sends a keep-alive signal to the XRSD, ensuring a stable connection between the PV modules and the string inverter.
- In the event of a power down in the XRSD-Core Kit, the XRSD swiftly transitions to a quick shutdown mode, temporarily suspending energy generation.
- Upon restoring power to the XRSD-Core Kit, energy production resumes seamlessly and without delay.

Note: To achieve rapid shutdown, please use with the Rapid Shutdown Device. (You can choose from models of XRSD-1C or XRSD-2C)

IP65 protection degree

Supports up to 2 cores per transmitter

Seamlessly compatible with SolaX XRSD receivers for module-level rapid shutdown

**V1.3.1 Information may be subject to modify without notice.650.00052.00*

XRSD-CORE KIT

ELECTRICAL DATA	
Power supply input voltage	85 ~ 264 VAC
Transmitter input voltage	12 (±2%) V
Transmitter input current	1 A
CORE	
Max. number of configure core	2
Max. current per core	150 A
Max. string voltage	1500 V
Diameter	~31 mm (inner) / 65 mm (outer)
Max. number of strings per core*	10 (This data refers to a cable diameter of Φ 6 mm)
MECHANICAL	
Dimensions	200 × 300 × 170 mm
ENVIRONMENT LIMIT	
Protection class	IP65 / NEMA4
Operating temperature range	-40 ~ 75°C
COMPLIANCE	
Safety	EN 62109-1:2010
EMC	EN IEC 61000-6- 1 / 2 / 3 / 4; EN IEC 61000-3-2 / 3 / 11 / 12; EN 55011

* Note: According to the cable diameter Φ 6 mm, if cable diameter is more than Φ 6 mm, Strings Per Core will be reduced. Extra precaution must be taken to avoid exceeding the permissible current limit.

Accessories

M1-40

M3-40

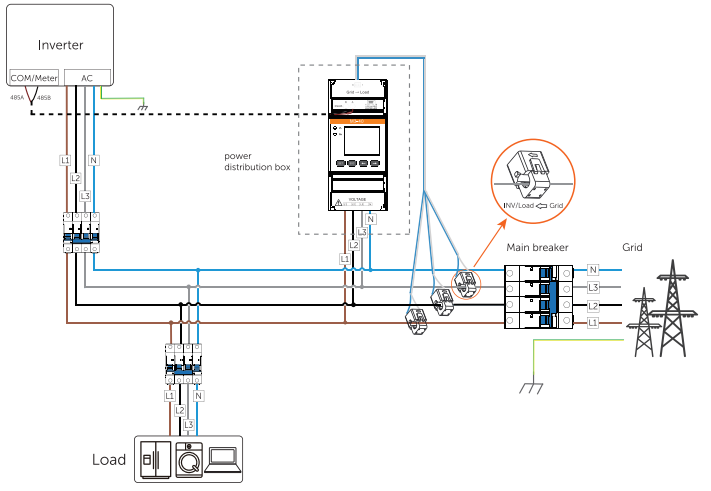
M3-40-Dual

- Plug-and-play CT solution for easy installation
- Supports remote settings via SolaX Cloud APP
- 50ms high refresh rate for more precise and faster control
- Separates strong and weak currents for enhanced security
- Intelligent phase sequence and CT direction adjustment, automatically resolving installation issues
- Capable of monitoring power from both the grid and third-party inverters simultaneously*

** supported only by the two-curcuit model: M3-40-Dual*

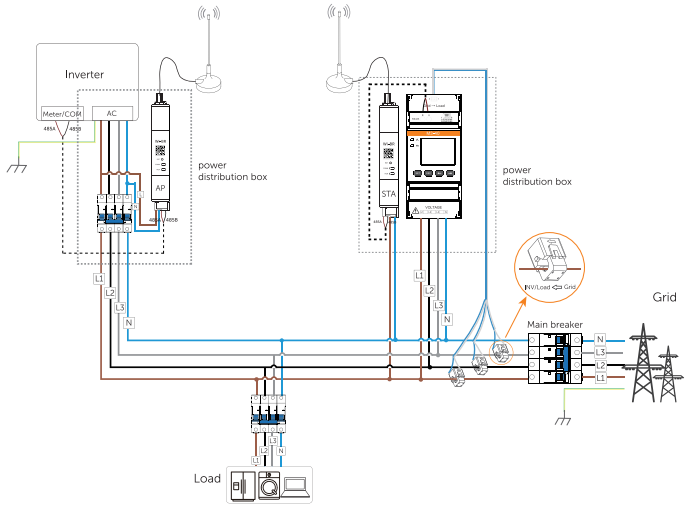
	M1-40	M3-40	M3-40-Dual
Power grid type	1P2W	3P3W / 3P4W	
Rated voltage	220 V ~ 240 V	3 × 220 / 380 V ~ 3 × 240 / 415 V	3 × 57.7 / 100 V ~ 3 × 240 / 415 V
Operating voltage	100 V~288 V	100 V ~ 280 V	50 V ~ 480 V
Current	*A / 40 mA		
Recommended CT specification	100 A / 40 mA, 200 A / 40 mA, 400 A / 40 mA, 600 A / 40 mA, 1000 A / 40 mA, 1500A / 40mA, 2000A / 40mA		
Power consumption	< 1.2 W	< 1.5 W	< 1.2 W
Measurement accuracy class	Voltage and current: Class 0.5 Active power: Class 1 Reactive power: Class 2		
Resolution requirement	Active power: 0.1 W Frequency: 0.001 Hz		
Frequency	45 Hz ~ 65 Hz		
Frequency tolerance	0.01 Hz		
Operating temperature	-40°C~70°C		
Operating humidity	≤95% RH (non-condensing)		
Operating altitude	< 4000 m		
Degree of protection	IP20		
Dimensions (W × H × D)	18 mm × 100 mm × 65.5 mm	45 mm × 100 mm × 65.5 mm	72 mm × 100 mm × 65.5 mm

Solutions



M3-40
Networking through RS485 cable

- L1 wire
- L2 wire
- L3 wire
- N wire
- PE wire
- I* wire
- I wire
- RS485A wire
- RS485B wire



M3-40
Wireless data transmission through Wi-BR

- L1 wire
- L2 wire
- L3 wire
- N wire
- PE wire
- I* wire
- I wire
- RS485A wire
- RS485B wire

Accessories

Wireless Bridge

Wi-BR

Wide Coverage

- Efficient and stable data transmission up to 200m

Strong Penetration

- Penetration ability up to 4 floors (about 30 meters vertically)

Intelligent Design

- DIN-rail installation for 85-277V AC power supply

Flexible Adaptability

- Compatible with single & three-phase meters

** Wireless communication may be affected by obstacles in complex environments, reducing transmission distance. Lab data shows that it can reach up to 200 meters horizontally in open spaces. However, with walls blocking the signal, installation distance should be reduced, supporting up to 4 layers of partition walls (about 30 meters vertically)*

	Wi-BR
Working method	AP / STA
Procotol	IEEE 802.11ah
Communication terminal	RS485 * 1 (for each model)
Phase voltage	85 ~ 277 Vac
Max. power consumption	2 W
Operating temperature	-25 ~ 55°C
Dimensions	18 × 98 × 66 mm
Mounting type	DIN rail
Ingress protection rating	IP20
Altitude	≤ 2000 m

Comparison of the performance of four methods across different communication aspects

The following data is obtained through actual testing using inverter equipped with electricity meter in Solax laboratory.

The actual on-site transmission distance may vary depending on the installation environment.

Secuirty	SolaX	Wi-Fi	LORA	Zigbee
Performance	Best	Best	Poor	Good

Anti-interfernce	SolaX	Wi-Fi	LORA	Zigbee
Performance	Best	Best	Poor	Good

Transmission capability	SolaX	Wi-Fi4/5/6	LORA	Zigbee
Transmission distance	200m	100m	130m	20m

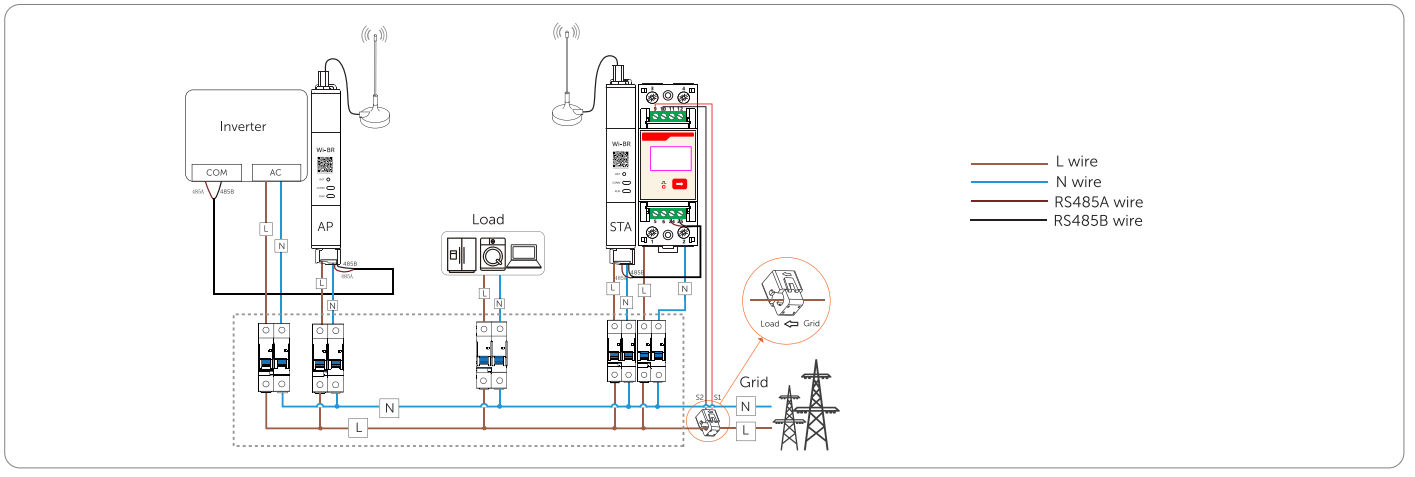
*The test data was obtained in an open area without any barriers.

Signal penetration①	SolaX	Wi-Fi	LORA	Zigbee
Number of floor②	4	1	3	1

*The results were obtained under test conditions of penetrating 120 cm thick reinforced concrete, with a floor-to-floor spacing of 4.5 meters.

① The wall-penetration test is an independent scenario, and its data does not affect or interact with the open-space scenario data
② The complete functions of the inverter can work properly through control across this number of floors

Installation



*The product images are for illustration only and may have slight differences from the actual product

PV SYSTEM PRODUCTS

Smart Energy Management

Remote Monitoring Around The Clock

SolaX Cloud Monitoring

Feature

- Smart Schedule & Smart Scene AI-driven smart energy management
- Local & Remote monitoring, setting, and upgrade of batch inverters
- Intelligent export control, DRM control, and ripple control, etc., of batch inverters
- Support large-capacity data storage

DataHub1000

	DataHub
Model	DataHub1000
Power adapter	100-240V 50/60HZ 1.5A AC input 12V 2A DC output
Wireless module	Wi-Fi 2.4GHz
Ethernet	10/100M
Manage device quantity	60
Interface	RS485 x 4, CAN x 1, Ethernet x1
Dry contactor	AI x 2, DI x 4, DO x 4
Data transfer interval	5 mins
Expanded storage capacity	8G/16G TF card（Optional）
Dimensions	205 x 124 x 33 mm
Weight	410 g
Degree of protection	IP21
Operating temperature range	-20 ~ +60°C

*V1.3. Information may be subject to modify without notice. 650.00016.00

Pocket WiFi V3.0-P

Feature

- Quick installation with "Plug & Play" function
- IP65 dust prevention and waterproof design
- Stable data transmission and good reliability
- Offline data storage and resume
- Multiple antenna adaptations according to the situation
- 10-second live data monitoring
- Modbus TCP support
- IEEE2030.5 support*
- OpenADR support*

Pocket WiFi	
Model	Pocket WiFi V3.0-P
Power supply	5V 260mA DC
Wireless module	WiFi 2.4 GHz
Antenna gain	3 dBi
Data transfer interval	5 mins / 10s optional
Dimensions	112 x 45.7 x 28.5 mm
Weight	107 ± 10 g
Degree of protection	IP65
Operating temperature range	-35 ~ +60°C

Pocket WiFi+LAN

Feature

- Quick installation with "Plug & Play" function
- IP65 dust prevention and waterproof design
- Stable data transmission and good reliability
- Offline data storage and resume
- 10-second live data monitoring
- Modbus TCP support
- IEEE2030.5 support*
- OpenADR support*
- Supports automatic switching between WiFi and LAN in different scenarios

Pocket LAN	
Model	Pocket WiFi+LAN
Power supply	5V 200mA DC
Wireless module	WiFi 2.4 GHz
Ethernet	10/100 M
Antenna gain	3 dBi
Data transfer interval	5 mins / 10s optional
Dimensions	112 x 45.7 x 28.5 mm
Weight	80 ± 10 g
Degree of protection	IP65
Operating temperature range	-35 ~ +60°C

Pocket WiFi+4GM

Feature

- Quick installation with "Plug & Play" function
- IP65 dust prevention and waterproof design
- Stable data transmission and good reliability
- Offline data storage and resume
- 10-second live data monitoring
- Modbus TCP support
- IEEE2030.5 support*

Pocket 4G	
Model	Pocket WiFi+4GM
Power supply	5V 200mA DC
Wireless module	WiFi 2.4 GHz
Antenna gain	3 dBi
Sim card size	Nano - 4FF 12.3 x 8.8 mm
Support band	LTE-FDD: Cat M1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/ B20/B25/B26/B27/B28/B66/B85 Cat NB2: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/ B20/B25/B28/B66/B71/B85
Data transfer interval	5 mins / 10s optional
Dimensions	112 x 45.7 x 28.5 mm
Weight	124 ± 10 g
Degree of protection	IP65
Operating temperature range	-35 ~ +60°C

**Requires inverter and SolaX Cloud platform support for full functionality*

SUCCESS STORIES


KUST

SUCCESS STORIES ▸ Global Regions

SUCCESS STORIES

SOLAX POWER | BVB 09 PARTNER

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