



Solución de limitación de inyección para inversores solax



Contenido



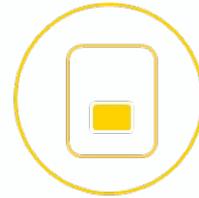
ACERCA DE
SOLAX



SERVICIOS



PORTAFOLIO



PRODUCTOS



LIMITACION
DE EXEDENTES

2012

Fundación de SolaX Power

2013

Lanzó el primer inversor híbrido de Asia y ahora es de 4ta generación

2014

Filial en Australia

2015-2017

-Primer inversor híbrido en Europa
-Filial en Países Bajos

2019-2021

-Primer lanzamiento para Norte America
-Galardonada Por sus inversores de inyección a red

500+
CERTIFICACIONES

Tanto nacionales como internacionales



34
Patentes de invención

**ACERCA DE
SOLAX**

SEDES, CENTRO DE I+D

BASES DE I+D



HANGZHOU

ENFOCADO EN INVERSORES
HIBRIDOS Y BATERIA



SHENZHEN

ENFOCADO EN PRODUCTOS
PARA NORTE AMERICA



SUZHOU

ENFOCADO EN INVERSORES
CONECTADOS A LA RED



XI'AN

ENFOCADO EN
INVERSORES DE BAJA
POTENCIA

CERTIFICADOS INTERNACIONALES



Portafolio

MEJOR MARCA PV INVERSORES Y ALMACENAMIENTO



SolaX En los Medios

SolaX storage system + Heat pump = CLEANER LIFE

pv magazine
PHOTOVOLTAIC MARKETS & TECHNOLOGY

Start EV Charging Solar Storage Solution

Just add salt
Charges, saves batteries, powered by software, ion technology

TOP notch
How n-type technology is moving into mainstream production

ADVANTAGES:

- **Cost-saving**
Maximize energy to provide electricity and heat, saving more on electricity bill
- **Eco-friendly**
100% pure lithium solar energy with zero carbon emission
- **Intelligent Controlling**
Local and remote controlling, monitoring on and off, local and remote pump
- **Simple and Flexible**
Set local and remote, you decide how and when heat pump works for you
- **Remote Monitoring (Under development)**
Full function of system development on local cloud

SolaX storage system + EV chargers = CLEANER LIFE

Start EV Charging Solar Storage Solution

Energy storage and EV charging in one system to enable zero-carbon energy and highly efficient solution to achieve carbon neutral home working modes, set your preferred mode, then just sit and let business.

High reliability, stable performance under extreme temperature (50°C to -30°C)

pv magazine
PHOTOVOLTAIC MARKETS & TECHNOLOGY

X3-HYBRID STORAGE CAPACITY FROM 11.5 kWh - 460 kWh

Add up to 10 SolaX X3-Hybrid inverters at your demand

- A long-term energy investment to a smart home or company
- A 40% grid-parallel inverter power generation
- A 40% grid-parallel inverter power generation
- A 40% grid-parallel inverter power generation

X3-HYBRID STORAGE CAPACITY FROM 6.1 kWh - 120 kWh

Peter-Pink files
Reading P&G can save time. But it's not the only option that will save you time.

Full picture on quality
The expanded palette of quality residences, measures, and mitigation strategies, focus monitoring manufacturing to producing performance.

SOLA X
RELIABLE ENERGY ANSWERS
POWER SUPPLY SOLUTIONS

X SOLA X
RELIABLE ENERGY ANSWERS
POWER SUPPLY SOLUTIONS

Monthly Cost \$1,430

BALANCED
Energy Supply

UNBALANCED
Energy Supply

A redrawn energy landscape
New future for European solar

High efficiency in mass production
Challenge making high efficiency work

Energy Under Control
Emergency power supply for your home with SolaX Hybrid Inverters

pv magazine
PHOTOVOLTAIC MARKETS & TECHNOLOGY

Distributed bliss
Inside the booming markets driving the next generation of small-scale solar growth

panera
New restaurant opens 10805

10
100%

PROYECTOS SOLARES RESIDENCIALES



PROYECTOS SOLARES COMERCIALES





PROYECTO

PROYECTO

- 24.39MWp fotovoltaicos distribuidos en azotea
- En DAYE Special Steel Co.,Ltd. Hubei
- X3 Forth 60/80/100/120kW



PRODUCTO



INVERSORES CONECTADOS A LA RED



X1-MINI G4
0.6-3.3kW



X1-BOOST G4
2.5-6kW



X1-SMART
6.0-8.0kW



X3-MIC G2
5-8kW



X3-PRO G2
10-15kW



X3-MEGA G2
20-25kW



X3-FORTH
40-70kW

X1 SERIES

X3 SERIES

SUPERIOR PERFORMANCE



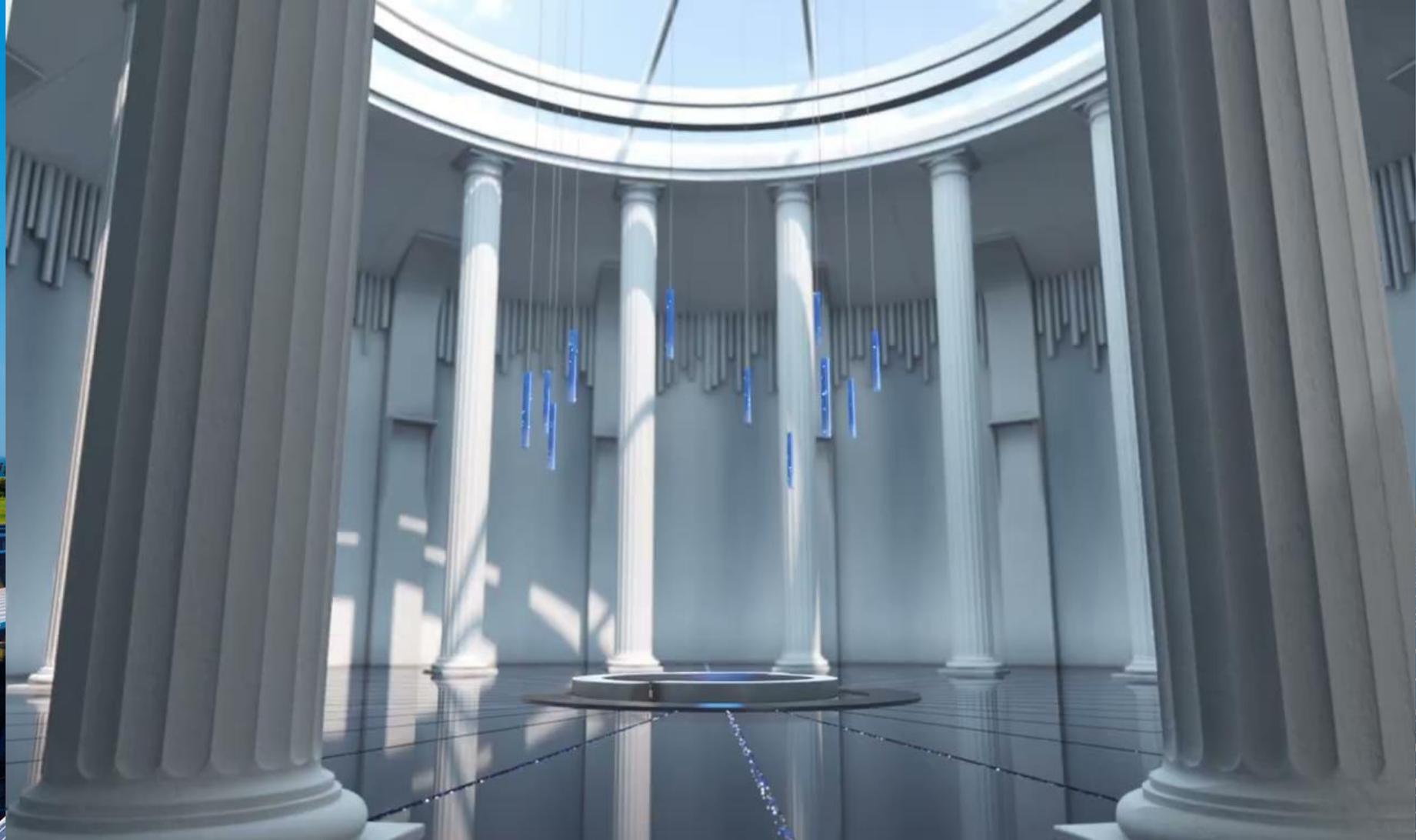
- 50V ultra low startup voltage
- 200% DC oversizing and 110% AC overloading
- Max. DC input 16A per string
- Wider MPPT range 40~560V
- In-built global MPP scan

X1-BOOST G4

RESIDENTIAL GRID-TIED SOLUTIONS

2.5kW/ 3kW/ 3.3kW/ 3.6kW/ 4.2kW/ 5kW/ 6kW







X1-MINI G4

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 X1-MINI-3.7K-G4 X1-MINI-4.0K-G4

DC INPUT

Max. PV array input power [Wp]	1200	1400	1600	2200	3000	4000	5000	6000	6600	7400	8000
Max. PV input voltage [V]	450	450	450	450	450	450	550	550	550	550	550
Startup voltage [V]	50	50	50	50	50	50	50	50	50	50	50
Nominal input voltage [V]	360	360	360	360	360	360	360	360	360	360	360
MPP tracker voltage range [V]	40~450	40~450	40~450	40~450	40~450	40~450	40~550	40~550	40~550	40~550	40~550
No. of MPP trackers / Strings per MPP tracker	1/1										
Max. PV input current [A]	16										
Isc PV Array Short Circuit current [A]	22										

AC OUTPUT

Rated AC output power [W]	600	700	800	1100	1500	2000	2500	3000	3300	3700	4000
Rated AC output current [A]	2.6	3.1	3.5	4.8	6.5	8.7	10.9	13.1	14.4	16.1	17.4
Max. AC output apparent power [VA]	600	770	800	1210	1650	2200	2750	3300	3300	3700	4000
Max. AC output current [A]	3	3.5	3.7	5.5	7.5	10	12.5	15	15	18.5	20
Nominal AC voltage/AC voltage range [V]**	220/230/240;90~285						220/230/240;90~290				
Nominal AC frequency/AC frequency range [Hz]**	50/60;±5										
Power Factor range	0.8 leading~0.8 lagging										
THDi (Rated power) [%]	<3										



X1-BOOST G4

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

DC INPUT

Max. PV array input power [Wp]	6000	6000	6600	7200	8000	8000	10000	12000
Max. PV input voltage [V]	600	600	600	600	600	600	600	600
Startup voltage [V]	50	50	50	50	50	50	50	50
Nominal input voltage [V]	360	360	360	360	360	360	360	360
MPP tracker voltage range [V]	40~560	40~560	40~560	40~560	40~560	40~560	40~560	40~560
No. of MPP trackers / String per MPP tracker	2 / 1							
Max. PV input current[A]	16 / 16							
Isc PV Array Short Circuit current [A]	22 / 22							

AC OUTPUT

Rated AC output power [W]	2500	3000	3300	3680	4000	4200	5000 ^①	6000
Rated AC output current [A]	10.9	13.1	14.4	16	17.4 ^②	18.3	21.7	26.1
Max. AC output apparent power [VA]	2750	3300	3630	4048 ^④	4000	4620	5000 ^③	6000
Max. AC output current [A]	12	14.4	15.8	17.6 ^⑤	17.4 ^⑥	20.1	21.7 ^③	27.3
Nominal AC voltage / AC voltage range [V] **	220/230/240;90~290							
Nominal AC frequency / AC frequency range [Hz] **	50/60;±5							
Power Factor range	0.8leading~0.8lagging							
THDi (rated power) [%]	<3							



X1-SMART (SINGLE-PHASE)

X1-6.0-T-D
X1-6.0-T-N

X1-7.0-T-D
X1-7.0-T-N

X1-8.0-T-D
X1-8.0-T-N

DC INPUT

Max. PV array input power [Wp]	3000/6000	3500/7000	4000/8000
Max. PV input voltage [V]	550	550	550
Startup voltage [V]	100	100	100
Nominal input voltage [V]	360	360	360
MPP tracker voltage range [V]	100~530	100~530	100~530
No. of MPP trackers/Strings per MPP tracker	2(1/2)	2(1/2)	2(1/2)
Max. PV input current [A]	14/28	14/28	14/28
Isc PV Array Short Circuit current [A]	18/36	18/36	18/36

AC OUTPUT

Rated AC output power [W]	6000	7000	8000
Rated AC output current [A]	26	30	34.7
Max. AC output apparent power [VA]	6600	7700	8800
Max. AC output current [A]	28.7	33.5	38.3
Nominal AC voltage/AC voltage range [V]*	220V/230/240,160~285		
Nominal AC frequency/AC frequency range [Hz]*	50/60; ±5		
Power Factor range	0.8 leading~0.8 lagging		
THDi (rated power) [%]	<3		



X3-MIC-G2-LV

X3-MIC-5K-G2-LV

X3-MIC-6K-G2-LV

X3-MIC-8K-G2-LV

AC INPUT

Max. PV array input power [kWp]	10	12	16
Max. PV input voltage [V]		800	
Nominal input voltage [V]		360	
Startup voltage [V]		150	
MPP tracker voltage range [V]		120-650	
Max. input current(input A/input B) [A]		16/16	
Max. short circuit current(input A/input B) [A]		20/20	
No. of MPP trackers		2	
Strings per MPP tracker		1	

AC OUTPUT

Nominal AC output power [kW]	5	6	8
Nominal AC output current [A]	13.2	15.8	21
Max. AC output active power [kW]	5.5	6.6	8.8
Max. AC output apparent power [kVA]	5.5	6.6	8.8
Max. AC output current [A]	14.5	17.4	23.1
Nominal AC voltage [V]		220/127, 3/N/PE	
Nominal grid frequency [Hz]		50/60	
THDi (Rated power) [%]		<3	
Power factor (Rated power)		>0.99	
Displacement power factor		0.8 leading~0.8 lagging	

EFFICIENCY

Max. efficiency [%]		98.3%	
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X3-PRO-G2-LV

X3-PRO-10K-G2-LV

X3-PRO-12K-G2-LV

X3-PRO-15K-G2-LV

INPUT(DC)	X3-PRO-10K-G2-LV	X3-PRO-12K-G2-LV	X3-PRO-15K-G2-LV
Max. PV array input power [kWp]	20	24	30
Max. PV input voltage [V]		800	
Nominal input voltage [V]		360	
Startup voltage [V]		200	
MPP tracker voltage range [V]		160-650	
Max. input current [A]		32/32	
Max. short circuit current [A]		40/40	
No. of MPP trackers		2	
Strings per MPP tracker		2	
OUTPUT(AC)	X3-PRO-10K-G2-LV	X3-PRO-12K-G2-LV	X3-PRO-15K-G2-LV
Nominal AC output power [kW]	10	12	15
Nominal AC output current [A]	26.3	31.5	39.4
Max. AC output active power [kW]	11	13.2	16.5
Max. AC output current [A]	28.9	34.7	43.4
Nominal AC voltage [V]		220/127, 3/N/PE, 3/PE	
Nominal grid frequency [Hz]		50/60	
THDi(rated power) [%]		<3	
Power factor(rated power)		>0.99	
Displacement power factor		0.8 leading~0.8 lagging	



X3-MEGA-G2-LV

X3-MGA-20K-G2-LV

X3-MGA-25K-G2-LV

X3-MGA-30K-G2-LV

X3-MGA-35K-G2-LV

INPUT(DC)

Max. PV array input power [kWp]	30	37.5	45	52.5
Max. PV input voltage [V]			800	
Nominal input voltage [V]			360	
Startup voltage [V]			200	
MPP tracker voltage range [V]			180~650	
No. of MPP trackers	3	4	5	5
Strings per MPP tracker			2	
Max. input current per MPPT [A]			32	
Max. short circuit current per MPPT [A]			46	

OUTPUT(AC)

Nominal AC output power [kW]	20	25	30	35
Nominal AC output current [A]	52.5	65.7	78.8	91.9
Max. AC output apparent power [kVA]	22	27.5	33	35
Max. AC output current [A]	57.8	72.2	86.7	91.9
Nominal AC voltage [V]			127/220, 3/N/PE, 3/PE	
Nominal grid frequency [Hz]			50/60	
THDi (Rated power) [%]			<3	
Displacement power factor			0.8 leading~0.8 lagging	



X3-FORTH-LV (THREE PHASE)

X3-FTH-40K-LV

X3-FTH-50K-LV

X3-FTH-60K-LV

X3-FTH-70K-LV

DC INPUT

Max. PV array input power [kWp]	60	75	90	105
Max. PV input voltage [V]	800	800	800	800
Nominal input voltage [V]	360	360	360	360
Startup voltage [V]	200	200	200	200
MPP tracker voltage range [V]	180~650	180~650	180~650	180~650
No. of MPP trackers	6	6	9	9
Strings per MPP tracker	2	2	2	2
Max. input current per MPPT [A]	32	32	32	32
Max. short circuit current per MPPT [A]	46	46	46	46

AC OUTPUT

Nominal AC output power [kW]	40	50	60	70
Nominal AC output current [A]	105	131.3	157.5	183.7
Max. AC output apparent power [kVA]	44	55	66	70
Max. AC output current [A]	115.5	144.5	173.5	183.7
Nominal AC voltage [V]	127/220, 3/N/PE, 3/PE			
Nominal grid frequency [Hz]	50/60			
Displacement power factor	0.8 leading ~ 0.8 lagging			
THDi (Rated power) [%]	<3			

ACCESORIOS



Pocket WiFi V3.0

- Quick installation with "Plug & Play" function
- IP 65 dust prevention, water proofing
- Stable data transmission and good reliability
- Offline data storage and resuming
- Multiple antenna adaptations according to the situation



Pocket 4G V3.0

- Quick installation with "Plug & Play" function
- IP 65 dust prevention water proofing designs
- Stable data transmission and good reliability
- Offline data storage and resuming
- Multi-communication operator support



Pocket LAN V3.0

- Quick installation with "Plug & Play" function
- IP 65 dust prevention water proofing designs
- Stable data transmission and good reliability
- Offline data storage and resuming

ACCESSORIE

S



- Local & Remote monitoring, setting and upgrade of batch inverters
- Intelligent export control, DRM control, ripple control an etc. of batch inverters
- Support large-capacity data storage
- Support IEC104 protocol

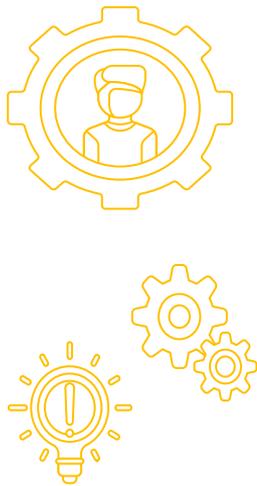


Meter

- Monitoring your home energy using
- Single phase: DDSU666
- Three phase: DT/SSU666
- Certifications: CE, SAA/RCM, MID, CPA



Limitacion de exedentes





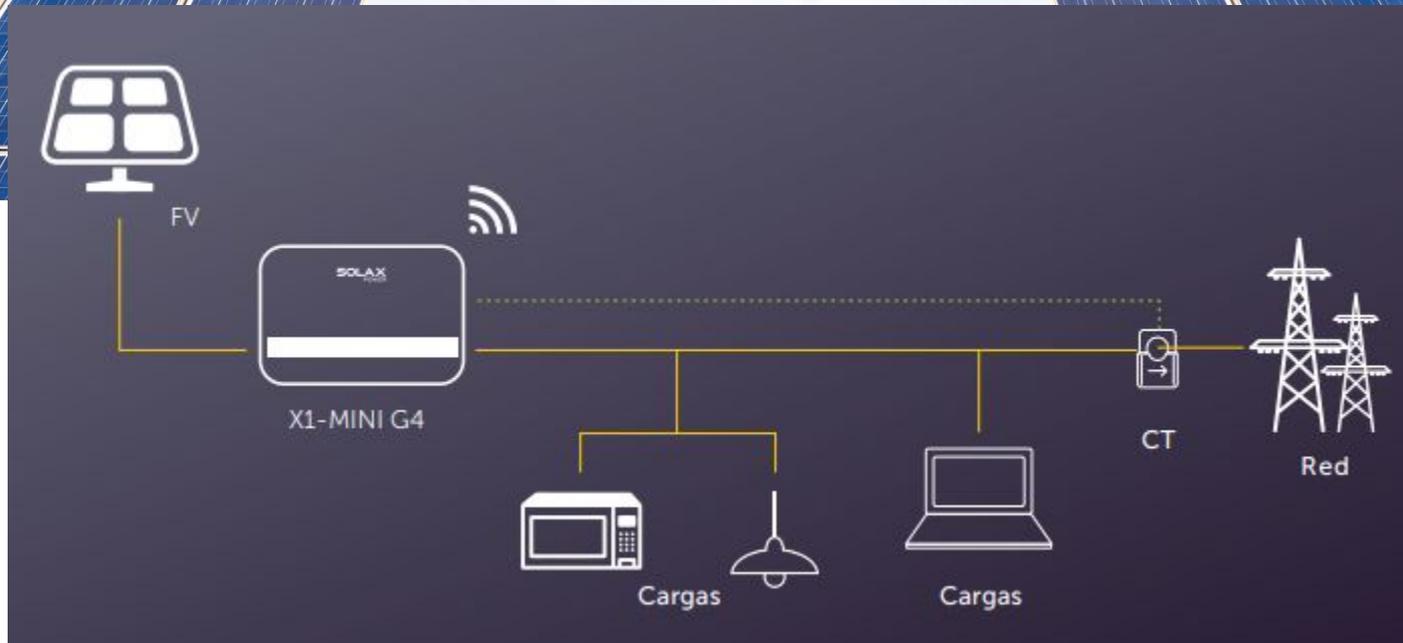
X1-MINI G4
0.6-3.3kW

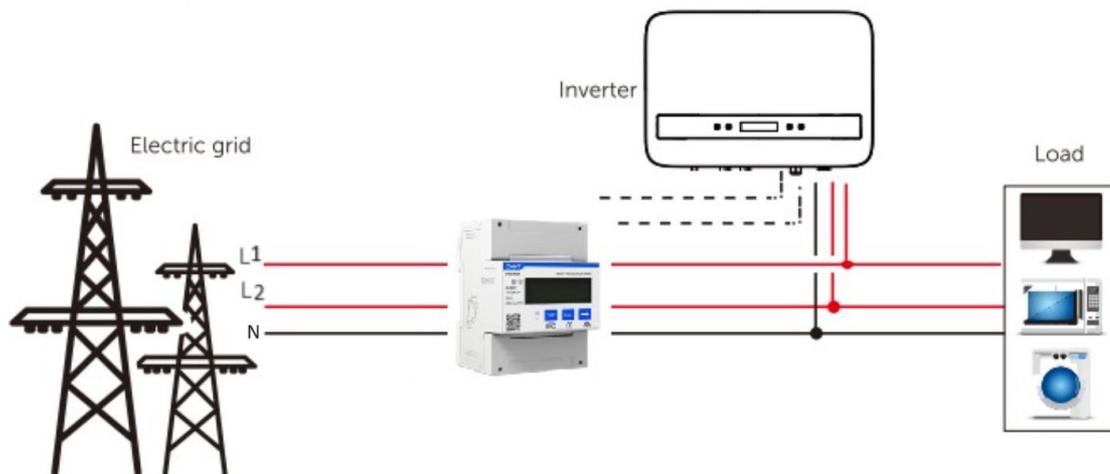


X1-BOOST G4
2.5-6kW



X1-SMART
6.0-8.0kW





DTSU666

- Contador trifásico
- 80 A



DTSU666-CT

- Contador trifásico
- 200 A
- Con CT



SDM630M-CT V2

- Contador trifásico
- 200/600/1500 A
- Con CT

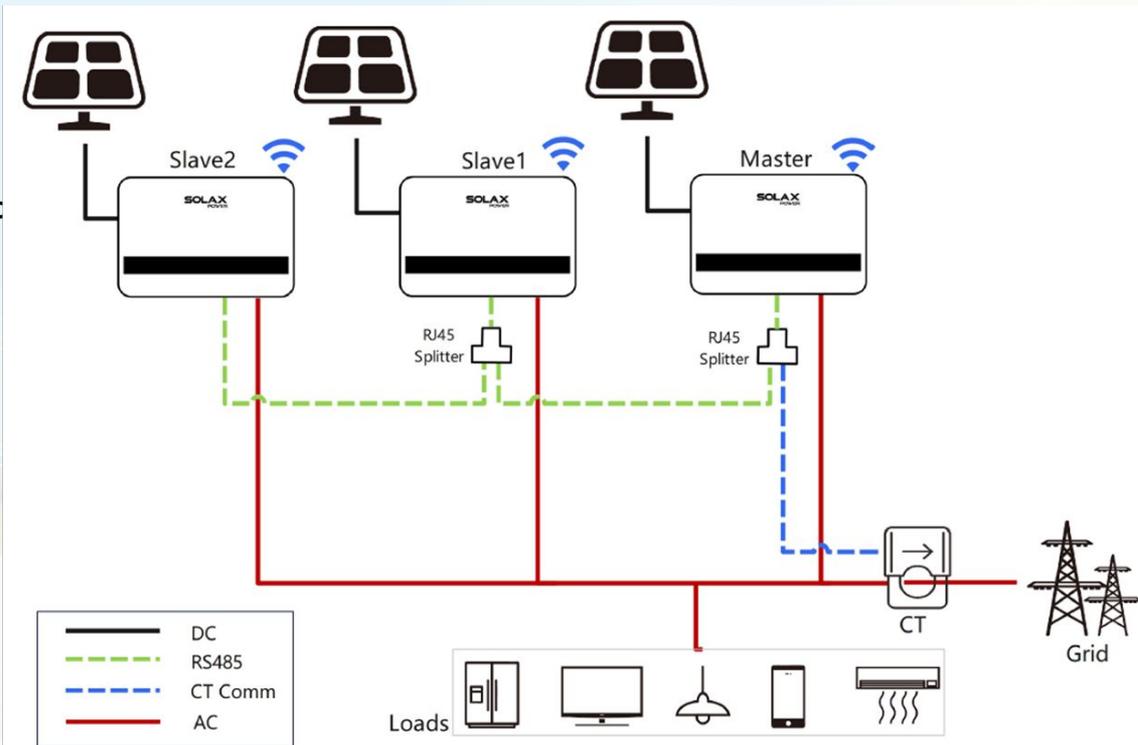
- Hasta 5 inversores en paralelo (Max.30kW)
- Se configurará como maestro un inversor que tenga CT conectado
- Los demás inversores serán esclavo
- Cada inversor conectado entre sí a través de RS485

Modelos aplicables

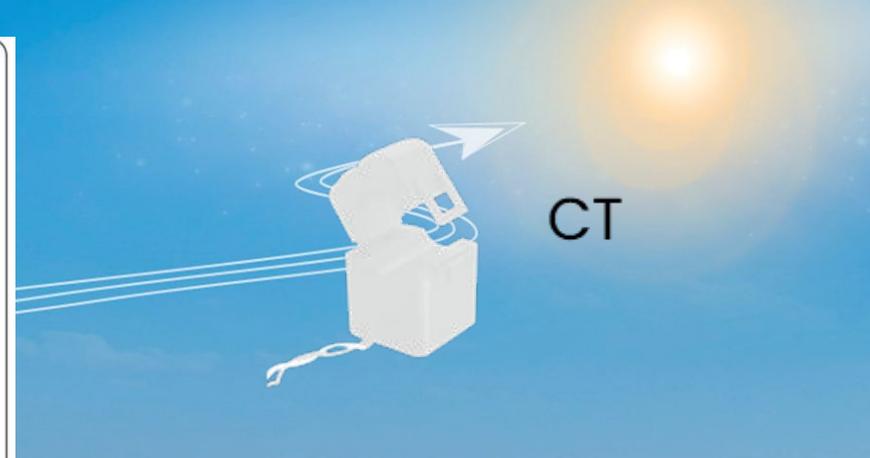
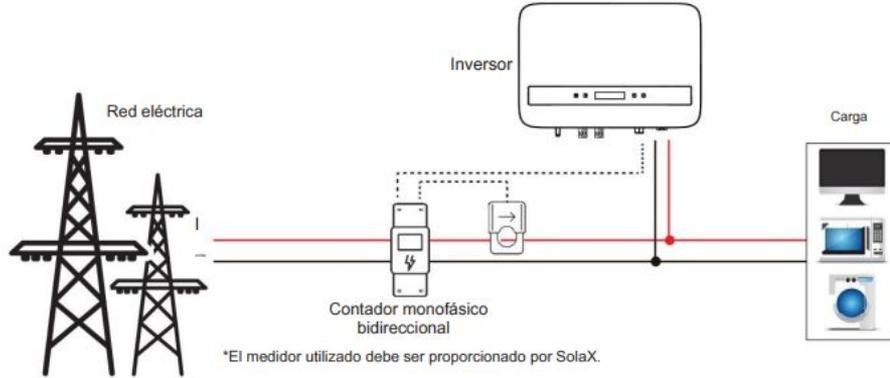
X1-MINI G4

X1-BOOST G4

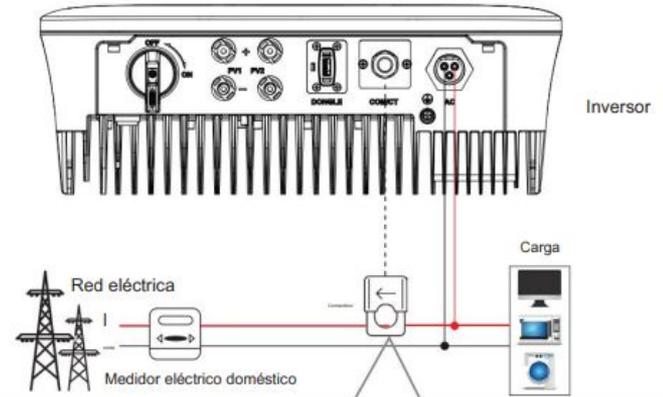
X3-PRO G2



Ventajas Solax



- Para conexión directa de CT:



- Hasta 60 inversores (20 × 3) en paralelo (con 1 × Datahub1000 como maestro)
- Todo el inversor será salvado.
- Cada inversor conectado entre sí a través de RS485

Modelos aplicables

X1-MINI G4

X1-BOOST G4

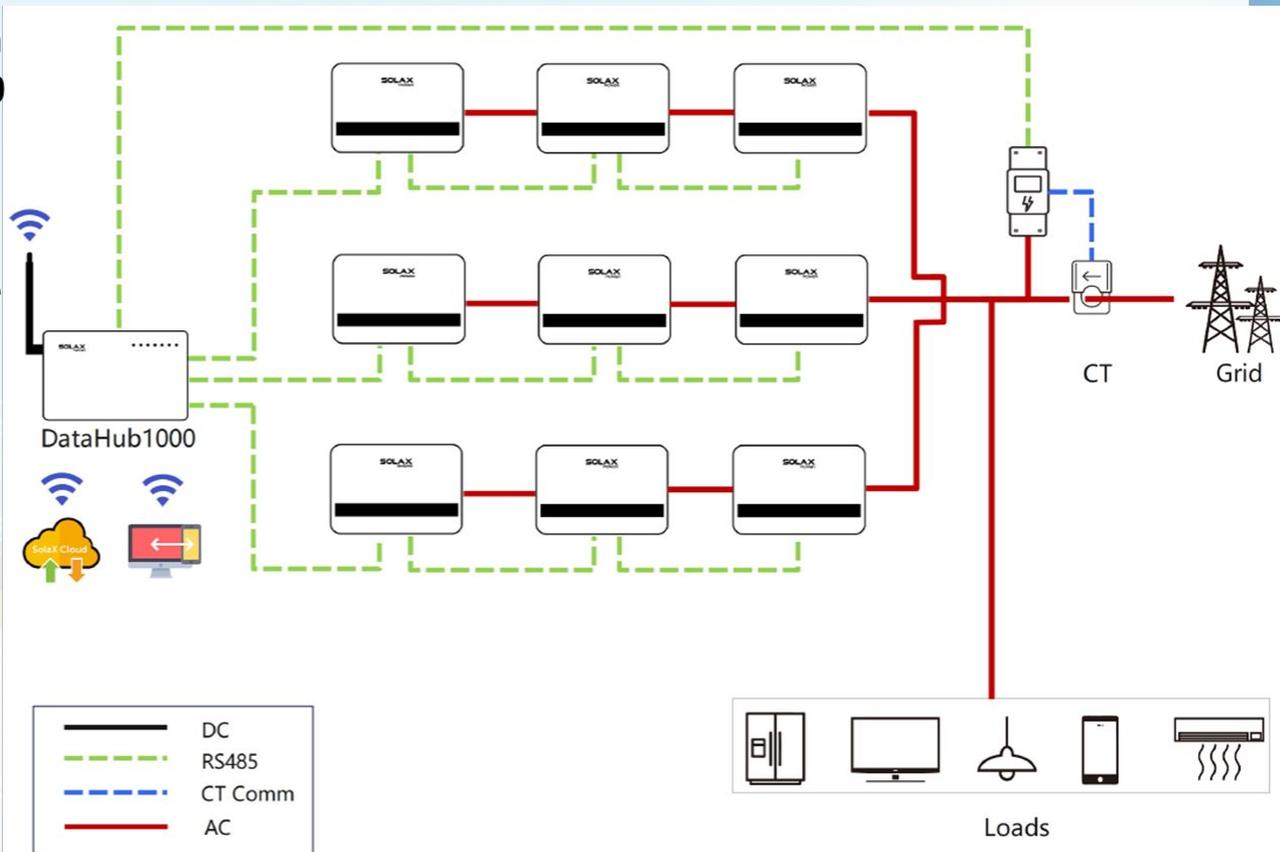
X3-MIC G2

X3-PRO G2

X3-MEGAG2

X3-CUARTO

X1/X3-HÍBRIDO G4



APP





Sitio de ejemplo

📄 Guía del usuario ▾

🌐 Seleccionar idioma ▾

Energy of the Future

For Residential & Commercial Sites Use



Recordar contraseña [Se le olvidó la contraseña?](#)

Iniciar sesión

[Crear una nueva cuenta](#)

APP



THANKS

Powering a Green Future



Q solaxpower

