

C E R T I F I C A T E
of Conformity



Registration No.: AK 50494932 0001

Report No.: CN219FPT 001

Holder: SolaX Power Network Technology
(Zhe jiang) Co., Ltd.
No.288 Shizhu Road
Tonglu Economic Development Zone
Tonglu City,
Zhejiang Province 310000
P.R. China

Product: PV-Inverter
(Grid Tied Inverter With Storage System)

Identification: Type Designation : X1-Hybrid-x-y X1-FIT-x-z
(x=3.0,3.7,5.0,6.0,7.5;y=D or M; z=M or W)
Serial Number : Engineering samples
Firmware Version : Master DSP:2.07,Slave DSP:2.01,ARM:2.03

Tested acc. to: RD 1699:2011
RD 661:2007
RD 413:2014
UNE 206006 IN:2011
UNE 206007-1 IN:2013
UNE 217001:2015 IN

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Date 05.02.2021

Certification Body
TÜV Rheinland
Zertifizierungsstelle
Weichun Li

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

C E R T I F I C A T E
of Conformity



Registration No.: AK 50494932 0002

Report No.: CN219FPT 001

Holder: SolaX Power Network Technology
(Zhe jiang) Co., Ltd.
No.288 Shizhu Road
Tonglu Economic Development Zone
Tonglu City,
Zhejiang Province 310000
P.R. China

Product: PV-Inverter
(Grid Tied Inverter With Storage System)

Identification: as page 0001 continuation
Remark(s) : Compliance with the requirements of
RD 244/2019, Annex I. The grid feeding
power shall be limited below 5kW.
Refer to report CN219FPT 001 for details.

Tested acc. to: RD 1699:2011
RD 661:2007
RD 413:2014
UNE 206006 IN:2011
UNE 206007-1 IN:2013
UNE 217001:2015 IN

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.



Date 05.02.2021


Weichun Li

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Modelo Model	X1-Hybrid-3.0-D(M)	X1-Hybrid-3.7-D(M)	X1-Hybrid-5.0-D(M)	X1-Hybrid-6.0-D(M)
Potencia nominal CA Nominal AC Power	3000 W	3700 W	5000 W	6000 W
Tensión nominal CA Nominal AC voltage	230 V	230 V	230 V	230 V
Corriente máxima CA Maximal AC current	14.4 A	16.0 A	23.9 A	28.6 A
Frecuencia nominal Nominal frequency	50 Hz	50 Hz	50 Hz	50 Hz
Rango de tensión MPPT MPPT voltage range	70-550 V	70-550 V	70-550 V	70-550 V
Tensión CC máxima Max. DC voltage	600 V	600 V	600 V	600 V
Corriente DC máxima Max. DC current	14/14 A	14/14 A	14/14 A	14/14 A
Elemento de control Control device	Controller in Inverter	Controller in Inverter	Controller in Inverter	Controller in Inverter
Tipo de dispositivo de control Type of control device	Integrated	Integrated	Integrated	Integrated

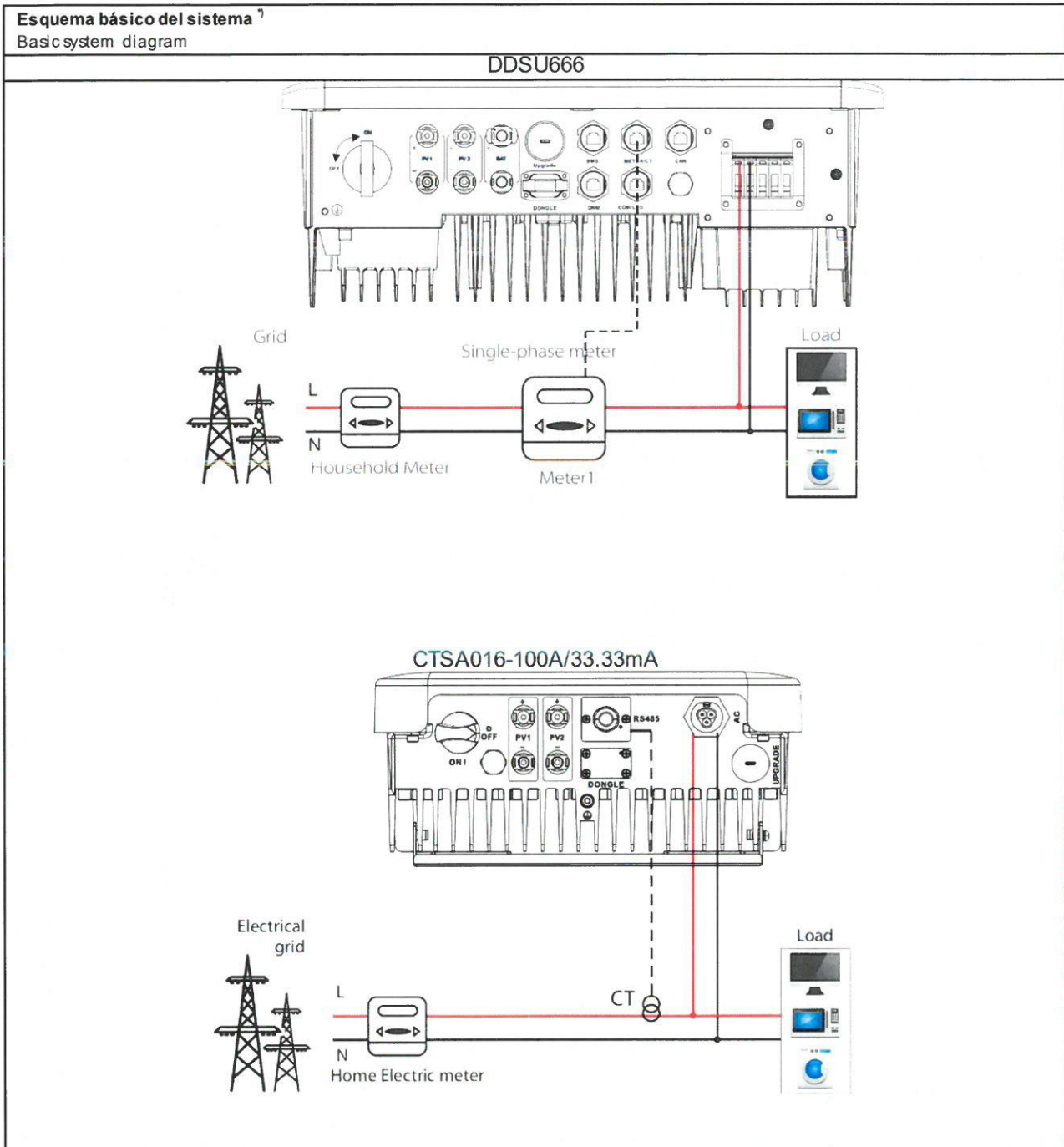
Modelo Model	X1-Hybrid-7.5-D(M)	X1-FIT-3.0-W(M)	X1-FIT-3.7-W(M)	X1-FIT-5.0-W(M)
Potencia nominal CA Nominal AC Power	7500 W	3000 W	3700 W	5000 W
Tensión nominal CA Nominal AC voltage	230 V	230 V	230 V	230 V
Corriente máxima CA Maximal AC current	32.6 A	14.4 A	16.0 A	23.9 A
Frecuencia nominal Nominal frequency	50 Hz	50 Hz	50 Hz	50 Hz
Rango de tensión MPPT MPPT voltage range	70-550 V	70-550 V	70-550 V	70-550 V
Tensión CC máxima Max. DC voltage	600 V	600 V	600 V	600 V
Corriente DC máxima Max. DC current	14/14 A	14/14 A	14/14 A	14/14 A
Elemento de control Control device	Controller in Inverter	Controller in Inverter	Controller in Inverter	Controller in Inverter
Tipo de dispositivo de control Type of control device	Integrated	Integrated	Integrated	Integrated

Modelo Model	X1-FIT-6.0-W(M)	X1-FIT-7.5-W(M)
Potencia nominal CA Nominal AC Power	6000 W	7500 W
Tensión nominal CA Nominal AC voltage	230 V	230 V
Corriente máxima CA Maximal AC current	28.6 A	32.6 A
Frecuencia nominal Nominal frequency	50 Hz	50 Hz
Rango de tensión MPPT MPPT voltage range	70-550 V	70-550 V
Tensión CC máxima Max. DC voltage	600 V	600 V
Corriente DC máxima Max. DC current	14/14 A	14/14 A
Elemento de control Control device	Controller in Inverter	Controller in Inverter
Tipo de dispositivo de control Type of control device	Integrated	Integrated

Información general del transductor de corriente externo / medidor de potencia ¹ General information of external current transductor/ power meter	
Fabricante Manufacturer	CHNT
Modelo Model	DDSU666
Aplicación Application	1 Phase
Tensión nominal Nominal voltage	230 Vac
Corriente máxima Max. current	80 A
Clase de precisión Class of accuracy	Class 1
Tipo de comunicación Type of communication	RS485

Información general del transductor de corriente externo / medidor de potencia ¹ General information of external current transductor/ power meter	
Fabricante Manufacturer	YUANXING
Modelo Model	CTSA016-100A/33.33mA
Aplicación Application	1 Phase
Tensión nominal Nominal voltage	230 Vac
Corriente máxima Max. current	200 A
Clase de precisión Class of accuracy	Class 0.5
Tipo de comunicación Type of communication	RS485

Esquema básico del sistema^{*)}
Basic system diagram



***) Para cumplir los requisitos de RD244:2019 / ANEXO I y UNE 217001:2020, se instalará el dispositivo adicional.**
For fulfill the requirements of RD244 : 2019/ ANEXO I and UNE 217001:2020, the additional device shall be installed.

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

Date : 05/02/2021
Our ref. : PJG 01
Your ref.: Jason Shen

No.288 Shizhu Road
Tonglu Economic Development Zone
Tonglu City,
Zhejiang Province 310000
P.R. China

Ref : AK Certificate of Conformity

Type of Equipment : Grid Tied Inverter With Storage System
Model Designation : See Certificate
Certificate No. : AK 50494932 0001
Report No. : CN219FPT 001

Dear Jason Shen,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body


Weichun Li

Enclosure

证书的详细资料请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询