

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



Registration No.: AK 50485089 0001

Report No.: 60423881 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-Connected PV Inverter)

**Identification:** Type Designation : X1-3.0-T-x(y) X1-3.3-T-x(y)  
X1-3.6-T-x(y) X1-4.2-T-x(y)  
X1-4.6-T-x(y) X1-5.0-T-x(y)  
X1-5.5K-T-x(y) X1-6K-T-x(y)  
(x=D or N; y=L) continued on page 0002

**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 30.10.2020

Weichun Li

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

# CERTIFICATE of Conformity



Registration No.: AK 50485089 0002

Report No.: 60423881 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-Connected PV Inverter)

**Identification:** Firmware Version : DSP: 1.08, ARM: 1.07  
Remark : Compliance with the requirements of  
RD 244/2019, Annex I. The grid feeding  
power of X1-5.5K/6K-T-x(y) shall be  
limited below 5kW.

**Tested acc. to:** RD 1699:2011  
RD 661:2007  
RD 413:2014  
UNE 206006 IN:2011  
UNE 206007-1 IN:2013  
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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 30.10.2020

  
Weichun Li

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

Modelo Model	X1-3.0-T-D(L) X1-3.0-T-N(L)	X1-3.3-T-D(L) X1-3.3-T-N(L)	X1-3.6-T-D(L) X1-3.6-T-N(L)	X1-4.2-T-D(L) X1-4.2-T-N(L)
<b>Potencia nominal CA</b> Nominal AC Power	3000 W	3300 W	3600 W	4200 W
<b>Tensión nominal CA</b> Nominal AC voltage	230 V	230 V	230 V	230 V
<b>Corriente máxima CA</b> Maximal AC current	14.0 A	15.0 A	16.8 A	19.0 A
<b>Frecuencia nominal</b> Nominal frequency	50 Hz	50 Hz	50 Hz	50 Hz
<b>Rango de tensión MPPT</b> MPPT voltage range	70-580 V	70-580 V	70-580 V	70-580 V
<b>Tensión CC máxima</b> Max. DC voltage	600 V	600 V	600 V	600 V
<b>Corriente DC máxima</b> Max. DC current	12/12 A	12/12 A	12/12 A	12/12 A
<b>Elemento de control</b> Control device	Controller in Inverter	Controller in Inverter	Controller in Inverter	Controller in Inverter
<b>Tipo de dispositivo de control</b> Type of control device	Integrated	Integrated	Integrated	Integrated

Modelo Model	X1-4.6-T-D(L) X1-4.6-T-N(L)	X1-5.0-T-D(L) X1-5.0-T-N(L)	X1-5.5-T-D(L) X1-5.5-T-N(L)	X1-6.0-T-D(L) X1-6.0-T-N(L)
<b>Potencia nominal CA</b> Nominal AC Power	4600 W	5000 W	3700 W	5000 W
<b>Tensión nominal CA</b> Nominal AC voltage	230 V	230 V	230 V	230 V
<b>Corriente máxima CA</b> Maximal AC current	21.0 A	22.7 A	22.7 A	22.7 A
<b>Frecuencia nominal</b> Nominal frequency	50 Hz	50 Hz	50 Hz	50 Hz
<b>Rango de tensión MPPT</b> MPPT voltage range	70-580 V	70-580 V	70-580 V	70-580 V
<b>Tensión CC máxima</b> Max. DC voltage	600 V	600 V	600 V	600 V
<b>Corriente DC máxima</b> Max. DC current	12/12 A	12/12 A	12/12 A	12/12 A
<b>Elemento de control</b> Control device	Controller in Inverter	Controller in Inverter	Controller in Inverter	Controller in Inverter
<b>Tipo de dispositivo de control</b> Type of control device	Integrated	Integrated	Integrated	Integrated



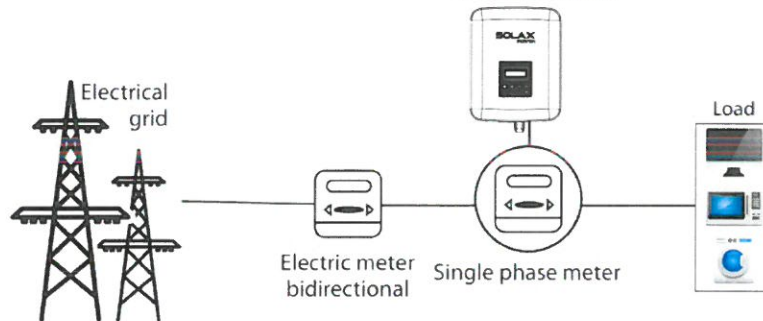
<b>Información general del transductor de corriente externo / medidor de potencia <sup>7</sup></b> General information of external current transductor/ power meter	
<b>Fabricante</b> Manufacturer	CHNT
<b>Modelo</b> Model	DDSU666
<b>Aplicación</b> Application	1 Phase
<b>Tensión nominal</b> Nominal voltage	230 Vac
<b>Corriente máxima</b> Max. current	80 A
<b>Clase de precisión</b> Class of accuracy	Class 1
<b>Tipo de comunicación</b> Type of communication	RS485

<b>Información general del transductor de corriente externo / medidor de potencia <sup>7</sup></b> General information of external current transductor/ power meter	
<b>Fabricante</b> Manufacturer	YUANXING
<b>Modelo</b> Model	CTSA016-100A/33.33mA
<b>Aplicación</b> Application	1 Phase
<b>Tensión nominal</b> Nominal voltage	230 Vac
<b>Corriente máxima</b> Max. current	200 A
<b>Clase de precisión</b> Class of accuracy	Class 0.5
<b>Tipo de comunicación</b> Type of communication	RS485

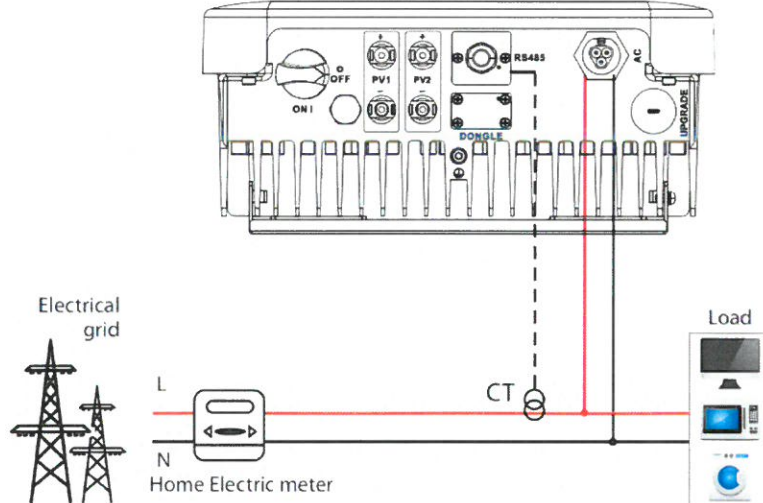
**Esquema básico del sistema <sup>1</sup>**  
Basic system diagram

DDSU666

X1 series inverter



CTSA016-100A/33.33mA



**\*) Para cumplir los requisitos de RD244: 2019 / ANEXO I y UNE 217001:2015, se instalará el dispositivo adicional.**  
For fulfill the requirements of RD244 : 2019/ ANEXO I and UNE 217001:2015, the additional device shall be installed.