SolaX Power Network Technology (Zhejiang) Co., Ltd.
No.288,Shizhu Road, Tonglu Economic Development Zone,
Tonglu City, Zhejiang Province, 310000 *P. R. CHINA*
Tel. +86 571 56260011
www.solaxpower.com - info@solaxpower.com

Dichiarazione di conformità alle prescrizioni della Norma CEI 0-21

Declaration of conformity to the requirements of the standard CEI 0-21

TIPOLOGIA DEL SISTEMA DI ACCUMULO CUI SI RIFERISCE LA DICHIARAZIONE:

TYPE OF STORAGE SYSTEM TO WHICH THIS DECLARATION REFERS:

DISPOSITIVO DI INTERFACCIA *INTERFACE DEVICE*	**PROTEZIONE DI INTERFACCIA** *INTERFACE PROTECTION*	**DISPOSITIVO DI CONVERSIONE STATICA** *STATIC CONVERTION DEVICE*	**DISPOSITIVO DI GENERAZIONE ROTANTE** ROTARY GENERATING DEVICE
Sì/Yes	Sì/Yes	Sì/Yes	No

COSTRUTTORE: *MANUFACTURER*	**MODELLO DI INVERTER**: *INVERTER MODEL*	**VERSIONE FIRMWARE:** *FIRMWARE VERSION:*	**NUMERO DI FASI (monofase/trifase)** *NUMBER OF PHASE (single/triphase)*	**POTENZA NOMINALE:** *RATED POWER [W]*
SolaX Power Network Technology (Zhejiang) Co., Ltd. No.288,Shizhu Road, Tonglu Economic Development Zone, Tonglu City, Zhejiang Province, 310000 P. R. CHINA	X1-FIT-3.7E	DSP1:2.07 DSP2: 2.01 ARM:2.03	**Trifase** *Three-phase*	*3700*
	X1-FIT-4.6E			4600
	X1-FIT-5.0E			5000
	X1-Hybrid-3.0 -D-E			3000
	X1-Hybrid-3.7-D-E			3700
	X1-Hybrid-4.6-D-E			4600
	X1-Hybrid-5.0-D-E			5000

Gli inverter suddetti sono certificati in combinazione con una delle seguenti opzioni di Batteria al Litio:
The inverters here above listed are certified according with one of the following options of Lithium Battery:

COSTRUTTORE: *MANUFACTURER*	**MODELLO DEL BMS** *BMS MODUL MODEL*	**MODELLO MODULO BATTERIA** *BATTERY MODUL MODEL*	**Capacità del sistema di accumulo (CUS) [Wh]** *Storage system capacity (CUS) [Wh]*
SolaX Power	T-BAT SYS-HV	T-BAT H 5.8	**n. di moduli batteria x 5800** *n. of battery modules x 5800*

NOTA: Il dispositivo è in grado di limitare la Idc allo 0,5% della corrente nominale.
REMARK: The device is capable to limit Idc to 0,5% of the rated current

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Esaminati i Fascicoli Prove n°D 0857690060, emessi dal laboratorio TÜV Rheinland Italia Srl con accreditamento CNAS N. L3038.
Ai sensi dell'articolo 76 del DPR 28 Dicembre 2000, n° 445, il sottoscritto Li Xinfu, in qualità di legale rappresentante di Solax Power Co. Ltd, 288 Shizhu Rd. Tonglu, Zhejiang Province, China, dichiara che il prodotto indicato è conforme alle prescrizioni CEI-0-21:2017

Taken into account test report No. ***D 0857690060*** *issued by test lab TÜV Rheinland Italia Srl with CNAS accreditation (No. L3038).*
According with the article 76 of Italian DPR 28 December 2000, n° 445, the undersigned Li Xinfu, as legal representative of SolaX Power Network Technology (Zhejiang) Co., Ltd., 288 Shizhu Rd. Tonglu, Zhejiang Province, China, herewith declare that the product complies with the requirements of CEI-0-21: 2017

DATA 23/06/2020
DATE 23/06/2020

FIRMA LEGALE RAPPRESENTANTE
SIGNATURE LEGAL REPRESENTATIVE
Li Xinfu

浙江艾罗网络能源技术股份有限公司
SOLAX POWER NETWORK TECHNOLOGY (ZHEJIANG) CO., LTD.

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

Compliance Document

No. D 085769 0060 Rev. 00

Holder of Certificate: **SolaX Power Network Technology (Zhejiang) Co., Ltd.**
No. 288 Shizhu Road,
Tonglu Economic Development Zone
311500 Tonglu City, Zhejiang Province
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Grid- Connected Inverter

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290203028701

Date, 2020-06-23

(Zhengdong Ma)

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Model(s):

X1-Hybrid-3.0-N-E, X1-Hybrid-3.0-N-I, X1-Hybrid-3.0-D-I, X1-Hybrid-3.0-N-C, X1-Hybrid-3.0-D-C, X1-Hybrid-3.0-D-E, X1-Hybrid-3.7-N-E, X1-Hybrid-3.7-N-I, X1-Hybrid-3.7-D-I, X1-Hybrid-3.7-N-C, X1-Hybrid-3.7-D-C, X1-Hybrid-3.7-D-E, X1-Hybrid-4.6-N-E, X1-Hybrid-4.6-N-I, X1-Hybrid-4.6-D-E, X1-Hybrid-4.6-D-I, X1-Hybrid-4.6-N-C, X1-Hybrid-4.6-D-C, X1-Hybrid-5.0-N-E, X1-Hybrid-5.0-N-I, X1-Hybrid-5.0-D-E, X1-Hybrid-5.0-D-I, X1-Hybrid-5.0-N-C, X1-Hybrid-5.0-D-C, X1-Fit-3.7E, X1-Fit-3.7I, X1-Fit-3.7C, X1-Fit-4.6E, X1-Fit-4.6I, X1-Fit-4.6C, X1-Fit-5.0E, X1-Fit-5.0I, X1-Fit-5.0C.

Parameters:

Model	X1-Hybrid-3.0-N-E, X1-Hybrid-3.0-N-I, X1-Hybrid-3.0-D-I, X1-Hybrid-3.0-D-E	X1-Hybrid-3.7-N-E, X1-Hybrid-3.7-N-I, X1-Hybrid-3.7-D-I, X1-Hybrid-3.7-D-E	X1-Hybrid-4.6-N-E, X1-Hybrid-4.6-N-I, X1-Hybrid-4.6-D-E, X1-Hybrid-4.6-D-I	X1-Hybrid-5.0-N-E, X1-Hybrid-5.0-N-I, X1-Hybrid-5.0-D-E, X1-Hybrid-5.0-D-I
PV input				
Max. Input Voltage:	DC 600 V			
Min. MPP Voltage:	DC 125 V			
Max. MPP Voltage:	DC 550 V			
Max. Input Current(input A/input B):	DC 10 A/10 A			
Isc PV(input A/input B):	DC 14 A/14 A			
AC output				
Nominal AC voltage	AC 230 V			
Nominal AC frequency	50 Hz			
Max. continuous AC current	14,4 Aa.c.	16,0 Aa.c.	21,0 Aa.c.	21,7 Aa.c.
Nominal AC output apparent Power (@cos φ=1)	3000 VA	3680 VA	4600 VA	4999 VA(others) 4600 VA(@ VDE 4105)
Power factor range	0,8 leading – 0,8 lagging			
AC input				
Nominal AC voltage	230 Va.c.			
Nominal AC frequency	50 Hz			
Max. continuous AC current	14,4 Aa.c. (X1-Hybrid-3.0-N-E, X1-Hybrid-3.0-D-E); 36,1 Aa.c. (X1-Hybrid-3.0-N-I, X1-Hybrid-3.0-D-I)	16,0 Aa.c. (X1-Hybrid-3.7-N-E, X1-Hybrid-3.7-D-E); 37,7 Aa.c. (X1-Hybrid-3.7-N-I, X1-Hybrid-3.7-D-I)	21,0 Aa.c. (X1-Hybrid-4.6-N-E, X1-Hybrid-4.6-D-E);47,0 Aa.c. (X1-Hybrid-4.6-N-I, X1-Hybrid-4.6-D-I)	47,7 Aa.c. (X1-Hybrid-5.0-N-I, X1-Hybrid-5.0-D-I);21,7 Aa.c. (X1-Hybrid-5.0-N-E, X1-Hybrid-5.0-D-E)
Battery				
Battery type	Lithium			
Battery operation voltage	85 – 400 Vd.c.			
Max. charging and discharging current	20 A/20A			
EPS output				
Nominal voltage	230 Va.c.			
Nominal frequency	50 Hz			
Nominal apparent power	4000 VA	4000 VA	5000 VA	5000 VA
EPS rated current	17,4 Aa.c.	17,4 Aa.c.	21,7 Aa.c.	21,7 Aa.c.

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Model	X1-Hybrid-3.0-N-C, X1-Hybrid-3.0-D-C	X1-Hybrid-3.7-N-C, X1-Hybrid-3.7-D-C	X1-Hybrid-4.6-N-C, X1-Hybrid-4.6-D-C	X1-Hybrid-5.0-N-C, X1-Hybrid-5.0-D-C
PV input				
Max. Input Voltage:	DC 600 V			
Min. MPP Voltage:	DC 125 V			
Max. MPP Voltage:	DC 550 V			
Max. Input Current(input A/input B):	DC 10 A/10 A			
Isc PV(input A/input B)	DC 14 A/14 A			
AC output				
Nominal AC voltage	230 Va.c.			
Nominal AC frequency	50 Hz			
Max. continuous AC current	14,4 Aa.c.	16,0 Aa.c.	21,0 Aa.c.	21,7 Aa.c.
Nominal AC output apparent Power (@cos φ=1)	3000 VA	3680 VA	4600 VA	4999 VA(others) ; 4600 VA(@ VDE 4105)
Power factor range	0,8 leading – 0,8 lagging			
AC input				
Nominal AC voltage	230 Va.c.			
Nominal AC frequency	50 Hz			
Max. continuous AC current	14,4 Aa.c.	16.0 Aa.c.	21.0 Aa.c.	21,7 Aa.c.
Battery				
Battery type	Lithium			
Battery operation voltage	85 – 400 Vd.c.			
Max. charging and discharging current	20 A/20A			

Model	X1-Fit-5.0C	X1-Fit-4.6C	X1-Fit-3.7C
AC output			
Nominal AC voltage	230 Va.c.		
Nominal AC frequency	50 Hz		
Max. continuous AC current	21,7 Aa.c.	21,0 Aa.c.	16,0 Aa.c.
Nominal AC apparent Power (@cos φ=1)	4999 VA	4600 VA	3680 VA
Power factor at rated power	1		
Power factor range	0,8 leading – 0,8 lagging		
AC input			
Nominal AC voltage	230 Va.c.		
Nominal AC frequency	50 Hz		
Max. continuous AC current	21,7 Aa.c.	21,0 Aa.c.	16,0 Aa.c.
Battery			
Battery type	Lithium		
Battery Operation Voltage	85 – 400 Vd,c,		
Max. charging and discharging current	20 Ad.c./ 20 Ad.c.		

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Model	X1-Fit-5.0E	X1-Fit-4.6E	X1-Fit-3.7E
AC output			
Nominal AC voltage	230 Va.c.		
Nominal AC frequency	50 Hz		
Max, continuous AC current	21,7 Aa.c.	21,0 Aa.c.	16,0 Aa.c.
Nominal AC apparent Power (@cos φ=1)	4999 VA	4600 VA	3680 VA
Power factor at rated power	1		
Power factor range	0,8 leading – 0,8 lagging		
AC input			
Nominal AC voltage	230 Va.c.		
Nominal AC frequency	50 Hz		
Max, continuous AC current	21,7 Aa.c.	21,0 Aa.c.	16,0 Aa.c.
Battery			
Battery type	Lithium		
Battery Operation Voltage	85 – 400 Vd.c.		
Max, charging and discharging current	20 Ad.c./ 20 Ad.c.		
EPS output			
Nominal voltage	230 Va.c.		
Nominal frequency	50 Hz		
Nominal apparent power	5000 VA	5000 VA	4000 VA
EPS Rated current	21,7 Aa.c.	21,7 Aa.c.	17,4 Aa.c.

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Model	X1-Fit-5.0l	X1-Fit-4.6l	X1-Fit-3.7l
AC output			
Nominal AC voltage	230 Va.c.		
Nominal AC frequency	50 Hz		
Max, continuous AC current	21,7 Aa.c.	21,0 Aa.c.	16,0 Aa.c.
Nominal AC apparent Power (@cos φ=1)	4999 VA	4600 VA	3680 VA
Power factor at rated power	1		
Power factor range	0,8 leading – 0,8 lagging		
AC input			
Nominal AC voltage	230 Va.c.		
Nominal AC frequency	50 Hz		
Max, continuous AC current	21,7 Aa.c.	21,0 Aa.c.	16,0 Aa.c.
Battery			
Battery type	Lithium		
Battery Operation Voltage	85 – 400 Vd,c,		
Max, charging and discharging current	20 Ad.c./ 20 Ad.c.		
EPS output			
Nominal voltage	230 Va.c.		
Nominal frequency	50 Hz		
Nominal apparent power	5000 VA	5000 VA	4000 VA
EPS Rated current	21,7 Aa.c.	21,7 Aa.c.	17,4 Aa.c.

DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR STATIC CONVERSION	ROTATING GENERATOR DEVICE
X	X	X	

Battery voltage operation range: 85-400 Vd.c.
Nominal AC grid voltage: 230V
Nominal AC grid frequency: 50 Hz
Battery Factory : SolaX Power Network Technology (Zhejiang) Co., Ltd.
Battery model: T-BAT H 5.8, T-BAT H 11.5, T-BAT H 17.3

Firmware version of the inverter：DSP1: 2.07, DSP2: 2.01, ARM:2.03

Having assessed the test report:
64.290.20.30287.01 dated 22.06.2020

Tested according to: CEI 021:2019

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中华人民共和国
护照
PASSPORT

PEOPLE'S REPUBLIC OF CHINA

类型/Type: P
国家码/Country Code: CHN
护照号码/Passport No.: ED5062714

姓名/Name:
李新富
LI, XINFU

性别/Sex: 男/M
国籍/Nationality: 中国/CHINESE
出生日期/Date of birth: 12 FEB 1966
出生地点/Place of birth: 浙江/ZHEJIANG
签发日期/Date of issue: 07 6月/JUN 2018
签发地点/Place of issue: 浙江/ZHEJIANG
有效期至/Date of expiry: 06 6月/JUN 2028
签发机关/Authority: 公安部出入境管理局 MPS Exit & Entry Administration
持照人签名/Bearer's signature: 李新富

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