



SolaX Power Co., Ltd.

228, Shizhu Rd., Tonglu Economic Development Zone, Tonglu, Zhejiang Province, china, 311500.

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 <i>INTERFACE DEVICE</i>	PROTEZIONE DI INTERFACCIA <i>INTERFACE PROTECTION</i>	DISPOSITIVO DI CONVERSIONE STATICA <i>STATIC CONVERSION DEVICE</i>	DISPOSITIVO DI GENERAZIONE ROTANTE <i>ROTARY GENERATING DEVICE</i>
Si/Yes	Si/Yes	Si/Yes	No

COSTRUTTORE: <i>MANUFACTURER</i>	MODELLO DI INVERTER: <i>INVERTER MODEL</i>	VERSIONE FIRMWARE: <i>FIRMWARE VERSION:</i>	NUMERO DI FASI (monofase/trifase) <i>NUMBER OF PHASE (single/triphas)</i>	POTENZA NOMINALE: <i>RATED POWER [W]</i>	P _{smax} P _{cmax} [W]
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	X3-Hybrid 5.0-D (N)-E (C)	DSP1 V2.07	Trifase Three-phase	5000	5000
	X3-Hybrid 6.0-D (N)-E (C)			6000	6000
	X3-Hybrid 8.0-D (N)-E (C)	DSP2 V2.01		8000	8000
	X3-Hybrid 10.0-D (N)-E (C)	ARM V2.03		10000	10000
	X3-Fit 8.0-E (C)	8000		8000	
	X3-Fit 10.0-E (C)	10000		10000	

NOTA: Il dispositivo è in grado di limitare la I_{dc} allo 0,5% della corrente nominale.

REMARK: The device is capable to limit I_{dc} to 0,5% of the rated current

Esaminati i Fascicoli Prove n°29119342 001, emessi dal laboratorio TÜV Rheinland Italia Srl con accreditamento ACCREDIA N. 1356.

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: 2019-04

Taken into account test report No. 29119342 001 issued by test lab TÜV Rheinland Italia Srl with ACCREDIA accreditation (No. 1356).

According with the article 76 of Italian DPR 28 December 2000, n° 445, the undersigned Guo Huawei, 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: 2019-04



SolaX Power Co., Ltd.

228, Shizhu Rd., Tonglu Economic Development Zone, Tonglu, Zhejiang Province, china, 311500.

Tel. +86 571 56260011

www.solaxpower.com - info@solaxpower.com

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	NUMERO DI BMS NUMBER OF BMS MODULE [n] ⁽¹⁾	MODELLO MODULO BATTERIA BATTERY MODUL MODEL	Numero di batterie in serie Numbers of battery module series connected [N] ⁽²⁾	CAPACITA' DEL SISTEMA DI ACCUMULO (CUS) STORAGE SYSTEM CAPACITY (CUS) [Wh]	POTENZA DI CARICA/SCARICA NOMINALI NOMINAL CHARGING/DISCH ARGING POWER Pcn/Psn ⁽³⁾ [W]
Pylontech	SC500	da 1 a 6 from 1 to 6	H48050	da 4 a 10 from 4 to 10	n ⁽¹⁾ x N ⁽²⁾ x 2400	N ⁽²⁾ x 25 x 48
			H48074		n ⁽¹⁾ x N ⁽²⁾ x 3550	
	H48050		n ⁽¹⁾ x N ⁽²⁾ x 2400			
	H48074		n ⁽¹⁾ x N ⁽²⁾ x 3550			
	SC1000	1	FH48074	da 4 a 7 from 4 to 7	n ⁽¹⁾ x N ⁽²⁾ x 3550	
	FC0500-40S	1	FH9637M	da 2 a 4 from 2 to 4	n ⁽¹⁾ x N ⁽²⁾ x 3550	
Solax	T-BAT SYS-HV	1	T-BAT H5.8	da 2 a 4 from 2 to 4	n ⁽¹⁾ x N ⁽²⁾ x 5800	N ⁽²⁾ x 25 x 115,2

(1) n = n. di BMS collegati in parallelo – n = n. of BMS modules parallel connected

(2) N = n. di moduli batteria collegati in serie – N = n. of battery modules series connected

(3) Pcn ≤ PcMax - Psn ≤ PsMax

DATA 11/01/2022
DATE 11/01/2022

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

FIRMA LEGALE RAPPRESENTANTE
SIGNATURE LEGAL REPRESENTATIVE

Li Xinfu

Certificate



Registration No.: AK 60148396 0001 Page 1/3

Report No.: 29119342 001

License Holder:

SolaX Power Network Technology (Zhejiang) Co., Ltd.
No. 288 Shizhu Road, Tonglu Economic Development
Zone, Dongxing District 311500,
Tonglu City, Zhejiang Province
People's Republic of China

Manufacturing Plant(s):

SolaX Power Network Technology (Zhejiang) Co., Ltd.
No. 288 Shizhu Road, Tonglu Economic Development
Zone, Dongxing District 311500,
Tonglu City, Zhejiang Province
People's Republic of China

Product:

Grid Tied Inverter with storage system

Trademark:

SOLAX POWER

Model:

X3-Hybrid-x-y-z

Where:

X = 5.0 or 6.0 or 8.0 or 10.0;

Y = D or N;

Z = E or C;

X3-Fit-xy

Where:

X = 8.0 or 10.0;

Y = E or C;

X3-Hybrid-x-y-z and X3-Fit-xy
may be installed with:

Pylontech Battery Module: H48050 or H48074
combined with Pylontech BMS Module SCxx00

Where:

xx= 05 or 10

Pylontech Battery Module: FH48074
combined with Pylontech BMS Module FC0500

Pylontech Battery Module: FH9637M
combined with Pylontech BMS Module FC0500M

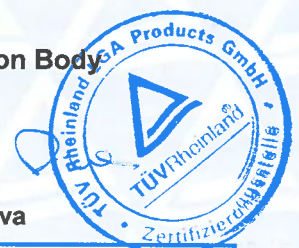
Basis:

- CEI 0-21: 2019-04**
Rules for the connection to the
LV electrical Utilities

30.03.2020

Certification Body

M. Piva



OGGETTO: Dichiarazione di conformità alla normativa CEI 0-21:2019-04
 “Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica”
SUBJECT: Declaration of Conformity to CEI 0-21:2019-04
 “Reference technical rules for the connection of active and passive users to the LV electrical Utilities”



Certificate No.: AK 60148396 0001

Page 2/3

TIPOLOGIA DI APPARATO A CUI SI RIFERISCE LA DICHIARAZIONE: TYPE OF APPARATUS WHICH THE DECLARATION IS REFERRED TO:

DISPOSITIVO DI INTERFACCIA Interface Device	PROTEZIONE DI INTERFACCIA Interface Protection Device	DISPOSITIVO DI CONVERSIONE STATICA Static Conversion Device	DISPOSITIVO DI GENERAZIONE ROTANTE Rotating Device
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Costruttore
Manufacturer

SolaX Power Network Technology (Zhejiang) Co., Ltd.
 No. 288 Shizhu Road, Tonglu Economic Development Zone, Dongxing District
 311500, Tonglu City, Zhejiang Province
 People's Republic of China

Modello/Tipo
Model/Type

Potenza Attiva Nominale @cosφ:1 (P_{NINV})
/Nominal Power
[W]

Max. Potenza Apparente (S_{MAX})
/Maximum Apparent Power
[VA]

X3-Hybrid 5.0-D (N)-E (C)^(*)
 X3-Hybrid 6.0-D (N)-E (C)^(*)
 X3-Hybrid 8.0-D (N)-E (C)^(*)
 X3-Hybrid 10.0-D (N)-E (C)^(*)

5000
6000
8000
10000

5000
6000
8000
10000

X3-Fit 8.0-E (C)^(**)
 X3-Fit 10.0-E (C)^(**)

8000
10000

8000
10000

Capacity of the storage system (CUS)
[Wh]

Pylontech Battery Module H48050

2400 (One module of battery)
n. of modules X 2400 (min. 4 modules to 10 modules of battery)

Pylontech Battery Module H48074

3552 (One module of battery)
n. of modules X 3552 (min. 4 modules to 10 modules of battery)

Pylontech Battery Module FH48074

3552 (One module of battery)
n. of modules X 3552 (min. 4 modules to 7 modules of battery)

Pylontech Battery Module FH9637M

3552 (One module of battery)
n. of modules X 3552 (min. 2 modules to 4 modules of battery)

^(*)The inverter have a PV input and AC output with the batteries system and it's compliant to Annex A, B and Bbis of standard CEI 0-21

^(**)The inverter doesn't have a PV input, but only AC output with the batteries system and it's compliant to Annex Bbis of standard CEI 0-21

The nominal charging and discharging power can be reached only according with a minimum number of battery modules connected to the inverter with limitation of the inverter's capability.

Firmware release

DSP1 2.07, DSP2 2.01 / ARM: 2.03

Numero di Fasi
Number of Phases

Trifase / Three-phase

Note
Remarks

Il dispositivo è in grado di limitare la I_{dc} allo 0,5% della corrente nominale.
The device is capable to limit the I_{dc} to 0,5 % of the nominal current

Laboratorio di Prova
Test Laboratory

TÜV Rheinland Italia S.r.l. (Accreditamento ACCREDIA N. 1356)



Certificate No.: AK 60148396 0001

Page 3/3



Esaminati i Fascicoli Prove N./ Having assessed the Test Files N.:

29119342 001 emesso da TÜV Rheinland Italia S.r.l. / 29119342 001 issued by TÜV Rheinland Italia S.r.l

si dichiara che i prodotti indicati soddisfano i requisiti della CEI 0-21:2019-04 "Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica"

we declare that the products indicated meet the requirements laid down by CEI 0-21:2019-04 "Reference technical rules for the connection of active and passive users to the LV electrical Utilities".

Validità della
Dichiarazione
Validity of the Declaration

Questa Dichiarazione è valida per i prodotti indicati, così come descritti nei Fascicoli citati. Nuovi requisiti o emendamenti a requisiti esistenti, così come modifiche ai prodotti, possono implicare nuove verifiche e certificazioni.

This Declaration is valid only for the products indicated herein, as described in the Files mentioned. New requirements or amendment to existing ones, or modifications to the product, may imply re-verification and re-certification.

Date: 30.03.2020

Certification Body

Signature :

M. Piva



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



Registration No.: AK 50427665 0001

Report No.: 50096839 002

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: Electrical Equipment
(Grid Tied Inverter with storage system)

Identification: Type Designation : X3-Hybrid-x-y-z (x=5.0 or 6.0 or 8.0 or 10; y=D or N; z=E or C)
X3-Fit-xy (x=8.0 or 10.0; y=E or C)
Serial Number : Engineering samples
Firmware Version : DSP1 2.07, DSP2 2.01, ARM 2.03
Remark(s) : Refer to report 50096839 002 for details.
The product may be installed with Triple power battery T-BAT H xx(T-BAT H 5.8+n*HV 11550)xx=5.8,11.5,17.3,23.0;n=0,1,2,3

Tested acc. to: CEI 0-21:2019

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 28.02.2020

A handwritten signature in blue ink, appearing to read 'A. Chen', written over a horizontal line.
A. Chen

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

SolaX Power Network Technology (Zhe
jiang) Co., Ltd.
Xianhong Zhu

Date : 28/02/2020
Our ref. : QJL 01
Your ref.: Eng. Alberto Ferrero

-
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 50427665 0001
Report No. : 50096839 002

Dear Xianhong Zhu,

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


A. Chen

Enclosure

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