

# Certificate



Registration No.: AK 60124404 0001 Page 1/3

Report No.: 28110960 001

**License Holder:**

SolaX Power Network Technology (Zhe jiang) Co., Ltd.  
No 288 Shizu Road, Tonglu Economic Development  
Zone, Tonglu City, Zhejiang Province China

**Manufacturing Plant(s):**

SolaX Power Network Technology (Zhe jiang) Co., Ltd.  
No.288 Shizu Road, Tonglu Economic Development  
Zone, Tonglu City, Zhejiang Province 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 H48050-15S

Pylontech Module SCxx0A-100S

Where:

xx= 05 or 10

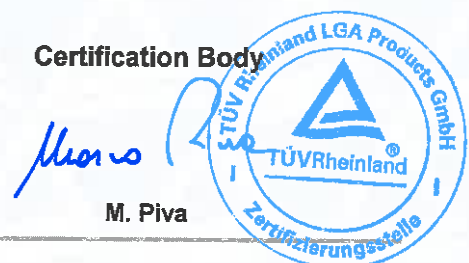
**Basis:**

**CEI 0-21: 2016-07 + V1-2017**  
"Rules for the connection to the  
LV electrical Utilities

**Factory Inspection**  
To document the consistent quality of  
the product factory inspection are  
performed periodically

27 10 2017

Certification Body



M. Piva

TUV Rheinland LGA Products GmbH, Tillystrasse 2, D-90431 Nurnberg  
Contact: + 49 221 806 2477 email service@de.tuv.com

**OGGETTO:** Dichiarazione di conformità alla normativa CEI 0-21 2016-07+V1 2017-07  
 "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 2016-07+ V1 2017-07  
 "Reference technical rules for the connection of active and passive users to the LV electrical Utilities"



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**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 (Zhe jiang) Co., Ltd.  
 No 288 Shizu Road, Tonglu Economic Development Zone,  
 Tonglu City, Zhejiang Province China

**Modello/Tipò**  
*Model/Type*

**Potenza Attiva Nominale @cosφ 1 (P<sub>NINV</sub>)**  
*/Nominal Power*  
 [W]

**Max. Potenza Apparente (S<sub>MAX</sub>)**  
*/Maximum Apparent Power*  
 [VA]

X3-Hybrid 5 0-D (N)-E (C) <sup>(*)</sup>	5000	5000
X3-Hybrid 6 0-D (N)-E (C) <sup>(*)</sup>	6000	6000
X3-Hybrid 8 0-D (N)-E (C) <sup>(*)</sup>	8000	8000
X3-Hybrid 10 0-D (N)-E (C) <sup>(*)</sup>	10000	10000
X3-Fit 8 0-E (C) <sup>(**)</sup>	8000	8000
X3-Fit 10 0-E (C) <sup>(**)</sup>	10000	10000

**Capacity of the storage system (CUS)**  
 [kWh]

Pylontech Battery H48050-15S

2400 (One module of battery)  
 n. of modules X 2400 (More modules of battery)

<sup>(\*)</sup>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

<sup>(\*\*)</sup>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<sub>dc</sub> allo 0,5% della corrente nominale.  
 The device is capable to limit the I<sub>dc</sub> to 0,5 % of the nominal current

**Laboratorio di Prova**  
*Test Laboratory*

TUV Rheinland Italia S r l (Accreditamento ACCREDIA N 1356)



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Esaminati i Fascicoli Prove N / Having assessed the Test Files N  
28110960 001 emesso da TÜV Rheinland Italia S r l / 28110960 001 issued by TÜV Rheinland Italia S r l

si dichiara che i prodotti indicati soddisfano i requisiti della CEI 0-21 2016-07+V1 2017-07 "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 2016-07+V1 2017-07 "Reference technical rules for the connection of active and passive users to the LV electrical Utilities"

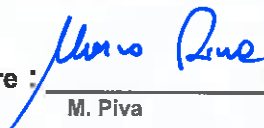
Validità della  
Dichiarazione  
Validity of the Declaration

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: 27.10.2017

Certification Body

Signature :

  
M. Piva

