

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>
SolaX Power Network Technology (Zhejiang) Co., Ltd. No. 288 Shizhu Road, Tonglu Economic Development Zone311500 Tonglu City, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA	SK-SU3000E - SK-SU3000E-S SK-SU3000C - SK-SU3000C-S SK-TL3000E - SK-TL3000E-S SK-TL3000C - SK-TL3000C-S SK-TL3000R - SK-TL3000R-S	Inverter master V2.08	Single	3000
	SK-SU3700E - SK-SU3700C SK-TL3700E - SK-TL3700C SK-TL3700R	Inverter slave V2.02		3680
	SK-SU5000E - SK-SU5000C SK-TL5000E - SK-TL5000C SK-SL5000R	Manager V2.04		4600

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: <i>MANUFACTURER</i>	MODELLO DI BATTERIA: <i>BATTERY MODEL</i>	Capacità del sistema di accumulo (CUS) <i>Storage system capacity (CUS)</i>	
		Capacità per singolo modulo (kWh) <i>Capacity for each battery module (kWh)</i>	Numero di batterie raccomandate dal costruttore <i>Number(s) of battery module recommended by manufacturer</i>
Pylontech	Phantom-S / US2000	2,4	1-8 ⁽¹⁾ or 2-8 ⁽²⁾
LG Chem	Resu 3.3 EM048063P2S4	3,3	1-4
	Resu6.5 EM048126P3S7	6,5	1-4
	Resu 10	9,8	1 ⁽³⁾ or 1-2 ⁽⁴⁾

(1) / (3) per/for SK-SU3000E, SK-SU3000E-S, SK-SU3000C, SK-SU3000C-S, SK-SU3700E, SK-SU3700C, SK-SU5000E, SK-SU5000C e/and SK-TL3000E, SK-TL3000E-S, SK-TL3000C, SK-TL3000C-S, SK-TL3700E, SK-TL3700C, SK-SU5000E, SK-SU5000C, SK-TL5000E, SK-TL5000C, in combinazione con/combined with SK-BMU2500 o/or SK-TL3000R, SK-TL3000R-S, SK-TL3700R SK-SL5000R in combinazione con/combined with , SK-BMU2500R che rappresenta il caricabatterie esterno/which is the external battery charger

(2) / (4) SK-TL3000E, SK-TL3000E-S, SK-TL3000C, SK-TL3000C-S, SK-TL3700E, SK-TL3700C, SK-SU5000E, SK-SU5000C, SK-TL5000E, SK-TL5000C, in combinazione con/combined with SK-BMU5000 o/or SK-TL3000R, SK-TL3000R-S, SK-TL3700R SK-SL5000R in combinazione con/combined with , SK-BMU5000R che rappresenta il caricabatterie esterno/which is the external battery charger

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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Zone, Tonglu, Zhejiang Province, China, 311500.

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Esaminati i Fascicoli Prove n° 64887170019803, emessi dal laboratorio TÜV SÜD Product Service GmbH con accreditamento DAkkS (n. D-PL-19065-01-00)

Ai sensi degli articoli 46 e 47 del DPR 28 Dicembre 2000, n° 445, il sottoscritto Guo Huawei, 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: 2016 – CEI 0-21/V1:2017

Taken into account test report No. 64887170019803 issued by test lab TÜV SÜD certification and Testing (China) Co.,Ltd Guangzhou Branch with DAkkS accreditation (No. D-PL-19065-01-00)

According with the articles 46 and 47 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: 2016 – CEI 0-21/V1:2017

DATA 29/03/2018

DATE 29/03/2018

FIRMA LEGALE RAPPRESENTANTE

SIGNATURE LEGAL REPRESENTATIVE

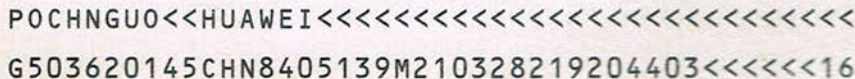
Guo Huawei

浙江艾罗电源有限公司
SOLAX POWER CO.,LTD

Guo Huawei

The Ministry of Foreign Affairs of the People's Republic of China requests all civil and military authorities of foreign countries to allow the bearer of this passport to pass freely and afford assistance in case of need.

护照号 / Passport No.
G50362014





Product Service

Compliance Document

No. D 18 03 85769 038

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**
PV Grid-Interactive Inverter With Storage Battery System

Model(s): **Inverter models:**
SK-SU5000E, SK-SU5000C, SK-TL5000E,
SK-TL5000C, SK-TL5000R, SK-SU3700E,
SK-SU3700C, SK-TL3700E, SK-TL3700C,
SK-TL3700R, SK-SU3000E, SK-SU3000E-S,
SK-SU3000C, SK-SU3000C-S, SK-TL3000E,
SK-TL3000E-S, SK-TL3000C, SK-TL3000C-S,
SK-TL3000R, SK-TL3000R-S
Battery models:
Pylontech Battery: Phantom-S / US2000,
LG Chem Battery:
EM048063P3S4 / RESU 3.3,
EM048126P3S7 / RESU 6.5,
RESU 10

Parameters: Max. DC voltage: 550 Vd.c.
Nominal AC grid frequency: 50 Hz
See page 2-6 for more parameter details.

Tested according to: CEI 0-21:2016
CEI 0-21/V1:2017

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. See also notes overleaf.

Test report no.: 64887170019803

Date, 2018-03-29


(Zhengdong Ma)

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Model	SK-TL3000E-S SK-TL3000R-S	SK-TL3000E SK-TL3000R	SK-TL3700E SK-TL3700R	SK-TL5000E SK-TL5000R
PV input rating				
Max. DC voltage	550 Vd.c.	550 Vd.c.	550 Vd.c.	550 Vd.c.
MPP voltage range	125 – 530 Vd.c.	125 – 530 Vd.c.	125 – 530 Vd.c.	125 – 530 Vd.c.
Max. continuous PV input current (Input A/Input B)	12 Ad.c.	12 Ad.c./12 Ad.c.	12 Ad.c./12 Ad.c.	12 Ad.c./12 Ad.c.
Isc PV (Input A/input B)	15 Ad.c.	15 Ad.c./15 Ad.c.	15 Ad.c./15 Ad.c.	15 Ad.c./15 Ad.c.
Max. continuous input power	3300 W	3300 W	4000 W	5000 W
Grid output rating				
Nominal AC grid voltage	230 Va.c.			
Nominal AC grid frequency	50 Hz			
Max. continuous AC current	14.4 Aa.c.	14.4 Aa.c.	16 Aa.c.	21.7 Aa.c.
Nominal AC Apparent power	3000 VA	3000 VA	3680 VA	4600 VA
Adjustable displacement factor range	0.8 leading ... 0.8 lagging			
Grid input rating				
Nominal AC input voltage	230 Va.c.			
Nominal AC input frequency	50 Hz			
Max. AC input current	13 Aa.c.	13 Aa.c.	16 Aa.c.	16 Aa.c.
Emergency power supply (EPS) output rating				
EPS nominal voltage	230 Va.c.			
EPS nominal frequency	50 Hz			
EPS max. apparent power	3000 VA	3000 VA	3680 VA	4000 VA
DC Bus input/output rating (Without battery Charger inside)				
BUS voltage range	360 – 550 Vd.c.			
Max. BUS current	15 Ad.c.			
Note:				
1. The DC BUS input/output terminal is to be connected with external battery charger (Battery Management Unit, Model: SK-BMU5000, SK-BMU2500, SK-BMU5000R, SK-BMU2500R);				
2. SK-BMU5000 is intended to be used in conjunction with SK-TL3700E and SK-TL5000E; SK-BMU2500 is intended to be used in conjunction with SK-TL3000E, SK-TL3000E-S, SK-TL3700E and SK-TL5000E; SK-BMU5000R is intended to be used in conjunction with SK-TL3700R and SK-TL5000R; SK-BMU2500R is intended to be used in conjunction with SK-TL3000R, SK-TL3000R-S, SK-TL3700R and SK-TL5000R;				
3. The rated power of the battery charger is 5000W for model SK-BMU5000, SK-BMU5000R and 2500W for model SK-BMU2500 and SK-BMU2500R.				



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Model	SK-TL3000C-S	SK-TL3000C	SK-TL3700C	SK-TL5000C
PV input rating				
Max. DC voltage	550 Vd.c.	550 Vd.c.	550 Vd.c.	550 Vd.c.
MPP voltage range	125 – 530 Vd.c.	125 – 530 Vd.c.	125 – 530 Vd.c.	125 – 530 Vd.c.
Max. continuous PV input current (Input A/Input B)	12 Ad.c.	12 Ad.c./12 Ad.c.	12 Ad.c./12 Ad.c.	12 Ad.c./12 Ad.c.
Isc PV (Input A/input B)	15 Ad.c.	15 Ad.c./15 Ad.c.	15 Ad.c./15 Ad.c.	15 Ad.c./15 Ad.c.
Max. continuous input power	3300 W	3300 W	4000 W	5000 W
Grid output rating				
Nominal AC grid voltage	230 Va.c.			
Nominal AC grid frequency	50 Hz			
Max. continuous AC current	14.4 Aa.c.	14.4 Aa.c.	16 Aa.c.	21.7 Aa.c.
Nominal AC Apparent power	3000 VA	3000 VA	3680 VA	4600 VA
Adjustable displacement factor range	0.8 leading ... 0.8 lagging			
Grid input rating				
Nominal AC input voltage	230 Va.c.			
Nominal AC input frequency	50 Hz			
Max. AC input current	13 Aa.c.	13 Aa.c.	16 Aa.c.	16 Aa.c.
DC Bus input/output rating (Without battery Charger inside)				
BUS voltage range	360 – 550 Vd.c.			
Max. BUS current	15 Ad.c.			
Note:				
1. The DC BUS input/output terminal is to be connected with external battery charger (Battery Management Unit, Model: SK-BMU5000, SK-BMU2500);				
2. SK-BMU5000 is intended to be used in conjunction with SK-TL3700C and SK-TL5000C; SK-BMU2500 is intended to be used in conjunction with SK-TL3000C, SK-TL3000C-S, SK-TL3700C and SK-TL5000C;				
3. The rated power of the battery charger is 5000W for model SK-BMU5000 and 2500W for model SK-BMU2500.				



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Model	SK-SU3000E-S	SK-SU3000E	SK-SU3700E	SK-SU5000E
PV input rating				
Max. DC voltage	550 Vd.c.	550 Vd.c.	550 Vd.c.	550 Vd.c.
MPP voltage range	125 – 530 Vd.c.	125 – 530 Vd.c.	125 – 530 Vd.c.	125 – 530 Vd.c.
Max. continuous PV input current (Input A/Input B)	12 Ad.c.	12 Ad.c./12 Ad.c.	12 Ad.c./12 Ad.c.	12 Ad.c./12 Ad.c.
Isc PV (Input A/input B)	15 Ad.c.	15 Ad.c./15 Ad.c.	15 Ad.c./15 Ad.c.	15 Ad.c./15 Ad.c.
Max. continuous input power	3300 W	3300 W	4000 W	5000 W
Grid output rating				
Nominal AC grid voltage	230 Va.c.			
Nominal AC grid frequency	50 Hz			
Max. continuous AC current	14.4 Aa.c.	14.4 Aa.c.	16 Aa.c.	21.7 Aa.c.
Nominal AC Apparent power	3000 VA	3000 VA	3680 VA	4600 VA
Adjustable displacement factor range	0.8 leading ... 0.8 lagging			
Grid input rating				
Nominal AC input voltage	230 Va.c.			
Nominal AC input frequency	50 Hz			
Max. AC input current	13 Aa.c.	13 Aa.c.	16 Aa.c.	16 Aa.c.
Emergency power supply (EPS) output rating				
EPS nominal voltage	230 Va.c.			
EPS nominal frequency	50 Hz			
EPS max. apparent power	2000 VA			
Battery terminal input/output rating				
Battery type	Lithium or lead-acid			
Battery operation voltage	40-60 Vd.c.			
Max. charge and discharge current	50 Ad.c.			
Max. charge and discharge power	2500 W			



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Model	SK-SU3000C-S	SK-SU3000C	SK-SU3700C	SK-SU5000C
PV input rating				
Max. DC voltage	550 Vd.c.	550 Vd.c.	550 Vd.c.	550 Vd.c.
MPP voltage range	125 – 530 Vd.c.	125 – 530 Vd.c.	125 – 530 Vd.c.	125 – 530 Vd.c.
Max. continuous PV input current (Input A/Input B)	12 Ad.c.	12 Ad.c./12 Ad.c.	12 Ad.c./12 Ad.c.	12 Ad.c./12 Ad.c.
Isc PV (Input A/input B)	15 Ad.c.	15 Ad.c./15 Ad.c.	15 Ad.c./15 Ad.c.	15 Ad.c./15 Ad.c.
Max. continuous input power	3300 W	3300 W	4000 W	5000 W
Grid output rating				
Nominal AC grid voltage	230 Va.c.			
Nominal AC grid frequency	50 Hz			
Max. continuous AC current	14.4 Aa.c.	14.4 Aa.c.	16 Aa.c.	21.7 Aa.c.
Nominal AC Apparent power	3000 VA	3000 VA	3680 VA	4600 VA
Adjustable displacement factor range	0.8 leading ... 0.8 lagging			
Grid input rating				
Nominal AC input voltage	230 Va.c.			
Nominal AC input frequency	50 Hz			
Max. AC input current	13 Aa.c.	13 Aa.c.	16 Aa.c.	16 Aa.c.
Battery terminal input/output rating				
Battery type	Lithium or lead-acid			
Battery operation voltage	40-60 Vd.c.			
Max. charge and discharge current	50 Ad.c.			
Max. charge and discharge power	2500 W			

Battery		Capacity of the storage system (CUS)	
Model	Manufacturer	Capacity of per battery module (kWh)	Number(s) of battery module recommended by manufacturer
Phantom-S / US2000	Pylontech	2.4	1-8 (1) or 2-8 (2)
EM048063P3S4 / RESU 3.3	LG Chem	3.3	1-4
EM048126P3S7 / RESU 6.5	LG Chem	6.5	1-4
RESU 10	LG Chem	9.8	1 (3) or 1-2 (4)

(1) (3) for SK-SU3000C, SK-SU3000C-S, SK-SU3700C, SK-SU5000C, SK-SU3000E, SK-SU3000E-S, SK-SU3700E, SK-SU5000E and SK-TL3000E, SK-TL3000E-S, SK-TL3700E, SK-TL5000E, SK-TL3000C, SK-TL3000C-S, SK-TL3700C and SK-TL5000C in conjunction with SK-BMU2500; SK-TL3000R, SK-TL3000R-S, SK-TL3700R and SK-TL5000R in conjunction with SK-BMU2500R.

(2) (4) for SK-TL3700E, SK-TL5000E, SK-TL3700C, SK-TL5000C in conjunction with SK-BMU5000; SK-TL3700R, SK-TL5000R in conjunction with SK-BMU5000R.

Note: batteries are not integrated within the inverter, and shall be installed according to local regulation.



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TYPE OF APPARATUS:

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

Manufacturer: SolaX Power Network Technology (Zhejiang) Co., Ltd.

Apparatus type: PV Grid-Interactive Inverter

Model: see cover page

Firmware: Inverter master: V2.08, Inverter slave: V2.02, Manager: V2.04

Number of phase: 1

Nominal power: See above tables for each model

Remark: The devices are capable to limit Idc to 0.5% of the rated grid current

Having assessed the test report:

64.887.17.00198.03 dated 08.03.2018

Issued by laboratory:

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch

5F, Communication Bldg., 163 Pingyun Road, Huangpu West Ave, Guangzhou city 510656, P.R.China

Laboratory Accredited by DakkS

In compliance with ISO/IEC 17025:2005

Accreditation number: D-PL-19065-01-00

Having examined the ISO 9001 certificate of the manufacturer number

NO:15/15Q0386R00

Issued by:

Hangzhou WIT Assessment Co.,Ltd. (Management system CNAS C015-Q)