

Dichiarazione di conformità alle prescrizioni CEI 0-21: 2022***/Declaration of Conformity to CEI Regulations 0-21:2022*****1. Tipologia Apparecchiatura cui si riferisce la Dichiarazione:**

COSTRUTTORE	Suzhou Hypontech Co.,Ltd.			
TIPO APPARECCHIATURA	<i>DISPOSITIVO DI INTERFACCIA</i>	<i>PROTEZIONE DI INTERFACCIA</i>	<i>DISPOSITIVO DI CONVERSIONE STATICA</i>	<i>DISPOSITIVO DI GENERAZIONE ROTANTE</i>
	Si	Si	Si	No
MODELLO	HHT-5000 HBT-5000	HHT-6000 HBT-6000	HHT-8000 HBT-8000	HHT-10000 HHT-10000
VERSIONE FIRMWARE	V1.0.0.00 e successive			
NUMERO DI FASI	Monofase			
POTENZA NOMINALE	5000W	6000W	8000W	10000W

Nota: Il dispositivo è in grado di limitare la Idc allo 0,5% della corrente nominale.

2. Riferimenti dei laboratori che hanno eseguito le prove e dei relativi fascicoli di prova

Esaminato il rapporto di prova n° 70.409.22.220.33-00 emesso dal laboratorio di prova TÜV SÜD New Energy Vehicle Testing (Jiangsu) Co.,Ltd.

3. Dichiarazione di conformità alle prescrizioni CEI 0-21: 2022

*Con la presente dichiarazione, redatta ai sensi dell'articolo 47 del DPR 28 Dicembre 2000, n°445, il sottoscritto, **Xiaobing Deng**, passaporto Nr. **EJ5318116** residente in Suzhou, in qualità di legale rappresentante della Società **Suzhou Hypontech Co.,Ltd** con sede in No. 1508 Xiangjiang Road, New District, Suzhou, Jiangsu 215011, P.R. China. Codice fiscale Nr.: **91320505MA1XPJRY7W**.*

DICHIARA

Che gli inverter di propria costruzione di cui al punto 1, sono conformi alle prescrizioni contenute Nella norma CEI 0-21: 2022. Attesta altresì che la produzione dei dispositivi avviene in regime di qualità (secondo ISO 9001, ed. 2015). Dichiaro inoltre che gli inverter di cui sopra sono abbinabili alle seguenti tipologie di batterie:

<i>Costruttore</i>	<i>Pylon Technologies Co., Ltd</i>			
<i>Modello</i>	<i>Force-H1-48/192V-V2</i>	<i>Force-H1-48/240V-V2</i>	<i>Force-H1-48/288V-V2</i>	<i>Force-H1-48/336V-V2</i>
<i>Versione firmware del BMS</i>	<i>V1.00 e succ</i>			
<i>N° moduli batteria parallelabili</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
<i>Capacità nominale [kWh]</i>	<i>14,20</i>	<i>17,76</i>	<i>21,31</i>	<i>24,86</i>
<i>Capacità Utile Sist. di accumulo (CUS) [kWh]</i>	<i>12,78</i>	<i>16</i>	<i>19,20</i>	<i>22,40</i>
<i>Potenza di scarica nominale (Psn) [kW]</i>	<i>7,1</i>	<i>8,88</i>	<i>10,65</i>	<i>12,40</i>
<i>Potenza di carica nominale (Pcn) [kW]</i>	<i>7,1</i>	<i>8,88</i>	<i>10,65</i>	<i>12,40</i>
<i>Potenza di scarica massima (Psmax) [kW]</i>	<i>7,68 @15 sec</i>	<i>9,60 @15 sec</i>	<i>11,52 @15 sec</i>	<i>13,44 @15 sec</i>
<i>Potenza di carica massima (Pcmax) [kW]</i>	<i>7,68 @15 sec</i>	<i>9,60 @15 sec</i>	<i>11,52 @15 sec</i>	<i>13,44 @15 sec</i>



Data/Date: 7-4-2023

Firma/Signature:



Compliance Document

No. D 105515 0086 Rev. 00

Holder of Certificate: **Suzhou Hypontech Co., Ltd.**

No.1508 Xiangjiang Road,
SND,
215010 Suzhou
PEOPLE'S REPUBLIC OF CHINA

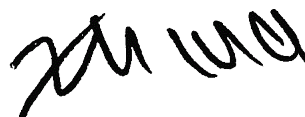
Product:

Converter
Gird-interactive inverter with storage
battery system

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.: 704092222033-00

Date, 2023-03-28



(Zhengdong Ma)



Compliance Document

No. D 105515 0086 Rev. 00

Model(s):

Gird-interactive inverter: HHT-5000, HHT-6000, HHT-8000,
HHT-10000, HBT-5000, HBT-6000,
HBT-8000, HBT-10000

Storage battery system:

PYLONTECH storage battery system Force-H1-48/192V-V2,
Force-H1-48/240V-V2, Force-H1-48/288V-V2, Force-H1-48/336V-V2

Parameters:

Please see pages 3 to 5.

Tested according to:

CEI 0-21:2022

Compliance Document

No. D 105515 0086 Rev. 00

The following generators meet the requirements of CEI 0-21:2022					
Section A	Manufacturer	Suzhou Hypontech Co., Ltd. No.1508 Xiangjiang Road, SND, 215010 Suzhou PEOPLE'S REPUBLIC OF CHINA			
	Equipment type	Gird-interactive inverter with storage battery system			
	Brand	Hi HYPONTECH			
	Number of phase	<input type="checkbox"/> Single phase <input checked="" type="checkbox"/> Three phase Frequency: 50Hz Voltage: 3/N/PE~, 400/230 V			
	Primary energy used	<input checked="" type="checkbox"/> Solar <input checked="" type="checkbox"/> Storage <input type="checkbox"/> Wind <input type="checkbox"/> Hydroelectric <input type="checkbox"/> CHP <input type="checkbox"/> Other:			
	Generator model	HHT-5000, HBT-5000	HHT-6000, HBT-6000	HHT-8000, HBT-8000	HHT-10000, HBT-10000
	Rated power	5000 W / 5500 VA	6000 W / 6600 VA	8000 W / 8800 VA	10000 W / 11000 VA
	The generator:	<input type="checkbox"/> is suitable for installation in systems with an output power of more than 11.08 kW <input checked="" type="checkbox"/> is capable of limiting Idc to 0.5% of rated current <input checked="" type="checkbox"/> uses a DC-sensitive protection function <input type="checkbox"/> uses a transformer operating at mains frequency			
Section B	Characteristics of the interface protection system				
	Manufacturer	Suzhou Hypontech Co., Ltd.			
	Model	HHT-5000, HBT-5000	HHT-6000, HBT-6000	HHT-8000, HBT-8000	HHT-10000, HBT-10000
	Type	<input type="checkbox"/> Integrated <input checked="" type="checkbox"/> Not integrated			
Section C	Characteristics of inverter(s)				
	Model of inverter	HHT-5000, HBT-5000	HHT-6000, HBT-6000	HHT-8000, HBT-8000	HHT-10000, HBT-10000
	Manufacturer of inverter	Suzhou Hypontech Co., Ltd.			
	Firmware version	V1.0.0.00			
	Rated power of inverter (P _{NINV})	5000 W	6000 W	8000 W	10000 W
Section E	Characteristics of the Storage System (SdA)				
	Model	HHT-5000, HBT-5000 with Force-H1-48V/zzzV-V2 (zzz is nominal voltage, zzz=192~336, in step of 48)	HHT-6000, HBT-6000 with Force-H1-48V/zzzV-V2 (zzz is nominal voltage, zzz=240~336, in step of 48)	HHT-8000, HBT-8000, HHT-10000, HBT-10000 with Force-H1-48V/288V-V2	HHT-8000, HBT-8000 with Force-H1-48V/336V-V2

Compliance Document

No. D 105515 0086 Rev. 00

		HHT-6000, HBT-6000, HHT-8000, HBT-8000, HHT-10000, HBT-10000 with Force-H1- 48V/192V-V2	HHT-8000, HBT-8000, HHT-10000, HBT-10000 with Force-H1- 48V/240V-V2			
Psn (nominal discharge power)	5000 W	6000 W	7200 W	8000 W	8200 W	
Pcn (nominal charging power)	5000 W	6000 W	7200 W	8000 W	8200 W	
Psmax (max. discharge power)	5000 W	6000 W	7200 W	8000 W	8200 W	
Pcmax (max. charging power)	5000 W	6000 W	7200 W	8000 W	8200 W	
Type	<input checked="" type="checkbox"/> Bidirectional <input type="checkbox"/> Monodirectional					
Batteries that can be used with the above inverters						
Brand	PYLONTECH					
Technology	Li-Ion					
Models	Force-H1- 48/192V-V2	Force-H1- 48/240V-V2	Force-H1- 48/288V-V2	Force-H1- 48/336V-V2		
CUS module (kWh)	3.552					
BMS firmware version	V1.00					
Number of modules	4 pieces	5 pieces	6 pieces	7 pieces		
Note	Battery module number: FH48074 Force-H1 series battery system contains different number of battery modules in series based on energy capacity. Battery system are not contained in the inverter and should be installed according to local regulations and in accordance with PYLONTECH instruction.					
Section I	References of the laboratories that performed the tests and their test reports (RdP)					
	Selected method	<input checked="" type="checkbox"/> Tests performed under the supervision of a certification body		<input checked="" type="checkbox"/> Tests performed by an accredited laboratory		
	Test Reports (RdP)	1) Test report according to Annex A & Bbis: 70.409.22.220.33-00;		1) EMC test report: a) ACWE-E2207020; b) J23-028-WT		
	Issued by	Testing lab: 1) Manufacturer's laboratory Tests performed under		Testing lab: 1) -a) AUDIX Technology (Wujiang) Co., Ltd. EMC Dept.		



Compliance Document

No. D 105515 0086 Rev. 00

		supervision of certifier from TÜV SÜD Product Service GmbH	1) -b) Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.
	Accreditation No.	D-ZE-11321-01-00	1) -a) CNAS L8469 1) -b) CNAS L0130
	Accreditation body reference.	DAKKS	CNAS
Section M	Reference of the certification body		
	Certification Body	TÜV SÜD Product Service GmbH DAKKS accreditation certificate D-ZE-11321-01-00 according to DIN EN ISO/IEC 17065:2013	