



Product Service

CERTIFICATE

No. Z2 111723 0001 Rev. 02

Holder of Certificate: **HarmonyFab (Jiangsu) Solar Tech. Co.,Ltd**
No.39 Community, Tianhougong Country
Wujie Town, Tongzhou District
226368 Nantong
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-Crystalline Silicon Photovoltaic Module

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704062031701-02

Valid until: 2028-03-05

Date, 2023-03-07

(Zhulin Zhang)

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Model(s):

HMN-xxx-GF6A, xxx=405 to 440 in step of 5,
 HMN-xxx-GF6I, xxx=350 to 375 in step of 5,
 HMN-xxx-GF6J, xxx=260 to 280 in step of 5,
 HMN-xxx-GF6D, xxx=175 to 195 in step of 5,
 HMN-xxx-GF3C, xxx=095 to 115 in step of 5,
 HMN-xxx-GF4C, xxx=135 to 150 in step of 5,
 HMN-xxx-GF2C, xxx=065 to 075 in step of 5,
 HMN-xxx-GF2J, xxx=100 to 115 in step of 5,
 HMN-xxx-GF3J, xxx=150 to 160 in step of 5,
 HMN-xxx-GF4J, xxx=205 to 215 in step of 5,
 HMN-xxx-GF2C, xxx=085 to 095 in step of 5,
 HMN-xxx-GF2K, xxx=075 to 085 in step of 5,
 HMN-xxx-F1MA, xxx=410 to 430 in steps of 5,
 HMN-xxx-F1MB, xxx=340 to 360 in steps of 5,
 HMN-xxx-F1MC, xxx=300 to 320 in steps of 5,
 HMN-xxx-F1MD, xxx=305 to 325 in steps of 5,
 HMN-xxx-F1ME, xxx=095 to 105 in steps of 5,
 HMN-xxx-F1MF, xxx=145 to 155 in steps of 5,
 HMN-xxx-F1MG, xxx=200 to 210 in steps of 5,
 HMN-xxx-F1MH, xxx=175 to 185 in steps of 5,
 HMN-xxx-F6MA, xxx=420 to 440 in steps of 5,
 HMN-xxx-F6MB, xxx=345 to 365 in steps of 5,
 HMN-xxx-F6MC, xxx=310 to 330 in steps of 5,
 HMN-xxx-F6MD, xxx=310 to 330 in steps of 5,
 HMN-xxx-F6ME, xxx=100 to 110 in steps of 5,
 HMN-xxx-F6MF, xxx=150 to 165 in steps of 5,
 HMN-xxx-F6MG, xxx=200 to 215 in steps of 5,
 HMN-xxx-F6MH, xxx=175 to 195 in steps of 5,
 HMN-xxx-F8MA, xxx=510 to 530 in steps of 5,
 HMN-xxx-F8MB, xxx=420 to 440 in steps of 5,
 HMN-xxx-F8MC, xxx=380 to 400 in steps of 5,
 HMN-xxx-F8MD, xxx=380 to 400 in steps of 5,
 HMN-xxx-F8ME, xxx=120 to 135 in steps of 5,
 HMN-xxx-F8MF, xxx=185 to 195 in steps of 5,
 HMN-xxx-F8MG, xxx=250 to 260 in steps of 5,
 HMN-xxx-F8MH, xxx=220 to 230 in steps of 5,
 xxx is standing for rated output power at STC

Parameters:

Test Laboratory:	Changzhou HuaYang Inspection and Testing Technology Co., Ltd. NO.8 Lanxiang Road, Wujin Economic Development Zone, Changzhou, Jiangsu, China
Construction:	Framed with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC or 1000V DC
Fire Safety Class:	Class C according to UL790



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**Tested
according to:**

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
EN 61215-1:2016
EN 61215-1-1:2016
EN 61215-2:2017
EN IEC 61730-1:2018
EN IEC 61730-1:2018/AC:2018-06
EN IEC 61730-2:2018
EN IEC 61730-2:2018/AC:2018-06

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 APPARECCHITURA	DISPOSITIVO DI INTERFACCIA	PROTEZIONE DI INTERFACCIA	DISPOSITIVO DI CONVERSIONE STATICA	DISPOSITIVO DI GENERAZIONE ROTANTE
	Si	Si	Si	No
MODELLO	HMS-600W HMS-600W-C		HMS-800W HMS-800W-C	
VERSIONE FIRMWARE	V1.0.0.05 e successive			
NUMERO DI FASI	Monofase			
POTENZA NOMINALE	600W		800W	

Nota: Il dispositivo è in grado di limitare la I_{dc} 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°50.409.23.010.555-00 emesso dal laboratorio di prova TÜV SÜD New Energy Vehicle Testing (Jiangsu) Co., Ltd., TÜV SÜD Group.

3. Dichiarazione di conformità alle prescrizioni CEI 0-21:2022/V1:2022

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/V1:2022. Attesta altresì che la produzione dei dispositivi avviene in regime di qualità (secondo ISO 9001, ed. 2015).

Data/Date: 20-11-2023

Firma/Signature:



Compliance Document

No. D 105515 0100 Rev. 00

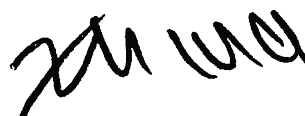
Holder of Certificate: **Suzhou Hypontech Co., Ltd.**
No.1508 Xiangjiang Road,
SND,
215010 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Micro 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.: 5040923010555-00

Date, 2023-07-31



(Zhengdong Ma)

Compliance Document

No. D 105515 0100 Rev. 00

Model(s): HMS-600W, HMS-600W-C, HMS-800W, HMS-800W-C

Parameters:

The following generators meet the requirements of CEI 0-21:2022/V1:2022																									
Section A	<table border="1"> <tr> <td>Manufacturer</td> <td colspan="2">Suzhou Hypontech Co., Ltd. No.1508 Xiangjiang Road, SND, 215010 Suzhou PEOPLE'S REPUBLIC OF CHINA</td> </tr> <tr> <td>Equipment type</td> <td colspan="2">Micro inverter</td> </tr> <tr> <td>Brand</td> <td colspan="2">Hi HYPONTECH</td> </tr> <tr> <td>Number of phase</td> <td colspan="2"> <input checked="" type="checkbox"/> Single phase <input type="checkbox"/> Three phase Frequency: 50Hz Voltage: a.c. 230V </td> </tr> <tr> <td>Primary energy used</td> <td colspan="2"> <input checked="" type="checkbox"/> Solar <input type="checkbox"/> Storage <input type="checkbox"/> Wind <input type="checkbox"/> Hydroelectric <input type="checkbox"/> CHP <input type="checkbox"/> Other: </td> </tr> <tr> <td>Generator model</td> <td>HMS-800W, HMS-800W-C</td> <td>HMS-600W, HMS-600W-C</td> </tr> <tr> <td>Rated power</td> <td>800 W / 800 VA</td> <td>600 W / 600 VA</td> </tr> <tr> <td>The generator:</td> <td colspan="2"> <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 </td> </tr> </table>	Manufacturer	Suzhou Hypontech Co., Ltd. No.1508 Xiangjiang Road, SND, 215010 Suzhou PEOPLE'S REPUBLIC OF CHINA		Equipment type	Micro inverter		Brand	Hi HYPONTECH		Number of phase	<input checked="" type="checkbox"/> Single phase <input type="checkbox"/> Three phase Frequency: 50Hz Voltage: a.c. 230V		Primary energy used	<input checked="" type="checkbox"/> Solar <input type="checkbox"/> Storage <input type="checkbox"/> Wind <input type="checkbox"/> Hydroelectric <input type="checkbox"/> CHP <input type="checkbox"/> Other:		Generator model	HMS-800W, HMS-800W-C	HMS-600W, HMS-600W-C	Rated power	800 W / 800 VA	600 W / 600 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	
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Compliance Document

No. D 105515 0100 Rev. 00

Section B	Characteristics of the interface protection system	
	Manufacturer	Suzhou Hypontech Co., Ltd.
	Model	HMS-600W, HMS-600W-C, HMS-800W, HMS-800W-C
	Type	<input checked="" type="checkbox"/> Integrated <input type="checkbox"/> Not integrated
Section C	Characteristics of inverter(s)	
	Model of inverter	HMS-800W, HMS-800W-C
	Rated power of inverter (P_{NINV})	800 W
	Manufacturer of inverter	Suzhou Hypontech Co., Ltd.
	Firmware version	V1.0.0.05
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
	Test Reports (RdP)	Test report according to Annex A & Annex B: 5040923010555-00
	Issued by	Testing lab: Manufacturer's laboratory Tests performed under supervision of certifier from TÜV SÜD Product Service GmbH
	Accreditation No.	D-ZE-11321-01-00
	Accreditation body reference	DAKKS
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

Tested according to:

CEI 0-21:2022/V1:2022