Suzhou Hypontech Co,Ltd
N0.1508 Xiangjiang Road, Suzhou, China
E-mail: info@hypontech.com
Internet: http://www.hypontech.com

Declaration of Conformity

In Accordance With PN-EN ISO/IEC 17050-1

1. **Declaration No.:** *HP-PL-004*

2. **Manufacturer's data**:

   The full name of the manufacturer: *Suzhou Hypontech Co.,Ltd.*
   Manufacturer's address: *No.1508 Xiangjiang Road, Suzhou, China*

3. **Object of the declaration:**

Manufacturer/brand	*Suzhou Hypontech Co.,Ltd./HYPONTECH*			
Type	*Solar Inverter*			
Model	*HPT-15K*	*HPT-17K*	*HPT-20K*	*HPT-25K*
Rated active power (W)	*15000*	*17000*	*20000*	*25000*
Max. apparent power (VA)	*16500*	*19000*	*22000*	*25000*
Software	*V1.0.0.00*	*V1.0.0.00*	*V1.0.0.00*	*V1.0.0.00*

4. **The subject of the declaration described above is compliant with the requirements for type A and TypeB power-generating modules of the following documents for PGM type installations:**

   a. *Commission Regulation (EU) 2016/631 of 14 April 2016. Establishing a network code requirementsfor grid connection of generators (OJ L 112/1 of 04.27.2016)*

   b. General Application Requirements resulting from the Commission Regulation (EU) 2016/631 of 14 April 2016. Establishing a network code requirementsfor grid connection of generators - approved by the Decision of the President of the Energy Regulatory Office DRE.WOSE.7128.550.2.2018.ZJ of 2 January 2019

   c. Standard of EN 50549-1:2019 – Requirements for generating plants to be connected in parallel with distribution network – Generating plants up to and including Type B

   subject to point 5.

5. **Additional information**:

   a. Foreclosure

The list of requirements, which the subject of the declaration does not meet (another component of the PGM installation is responsible for meeting these requirements):

L.p.	Article	Requirement	Comments

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N/A	N/A	N/A	N/A

- N/A means not application.

b. setting bank

The bank of settings for individual parameters adopted for Poland complies with the requirements of the documents indicated in point 4, provided that the value of a given parameter has been specified in them.

For Poland, the safety type should be set to PL EN 50549-1 via the display of inverter, the following parameters are predefined in the safety type setup:

Voltage and frequency protection	**Threshold**	**Operate time**
Under-voltage	195,5V	<1,5s
Overvoltage 10 min mean	253,0V	<3,0s
Over-voltage	264,5V	<0,2s
Under-frequency	47,5Hz	<0,5s
Over-frequency	52,0Hz	<0,5s
Islanding detection		
Active islanding detection		<5,0s
Starting to generate electrical power and Automatic reconnection after tripping		
Connection and reconnection time		60s
Active power increase gradient is 10%Pn/min as the default setting.		
Power response to overfrequency		
The inverter will activate power response to overfrequency when the frequency reaches the frequency threshold f1=50,2Hz with a droop of 5%, the droop reference is Pref. As specified in polish grid code, Pref is the maximum power.		

5. Signed for and under the authority of:

Suzhou Hypontech Co.,Ltd.

Place of issue, date: Suzhou, 29-04-2021

Name and surname, function: Jack Tu, Product Manager

Signature: Jack Tu