

EU Declaration of Conformity

Within the meaning of the EU directives for solar inverter

- Low Voltage Directive 2014/35/EU (LVD)
- Electromagnetic compatibility 2014/30/EU (EMC)
- RoHS Directive 2011/65/EU and Directive (EU) 2015/863 (RoHS)

The subject matter of the declaration described below meet the requirements relating to Union harmonization legislation.



The applied harmonization standards are listed in the following table.

	Inverter / Model name
Device safety (LVD)	
EN 62109-1:2010	HPK-1000, HPK-1500, HPK-2000, HPK-2500, HPK-3000
EN 62109-2:2011	HPS-3000L,HPS-3680,HPS-4000,HPS-5000,HPS-6000,HPS-6500
Electromagnetic compatibility (EMC)	HPS-3000DL,HPS-3680D,HPS-4000D,HPS-5000D,HPS-6000D,HPS-6500D
EN 61000-6-1:2007	HPS-7000,HPS-8000,HPS-9000
EN 61000-6-2:2005	HPT-3000, HPT-4000,HPT-5000,HPT-6000,HPT-8000,HPT-10000
EN 61000-6-3:2007+A1:2011+AC:2012	HPT-15K,HPT-17K,HPT-20K,HPT-25K
EN 61000-6-4:2007+A1:2011	HPT-30K,HPT-33K,HPT-36K,HPT-40K,HPT-50K
RoHS	HHS-3000,HHS-3680,HHS-5000,HHS-6000

Wi-Fi communication as an optional function, the Wi-Fi module is not integrated into the inverter, as an accessory device in the packaging, within the meaning of the EU directive for Wi-Fi module

- Radio Equipment Directive 2014/53/EU (RED)

The subject matter of the declaration described below meet the requirements relating to Union harmonization legislation.



The applied harmonization standards are listed in the following table.

	Wi-Fi Module / Model name
Radio Equipment Directive (RED) ¹⁾	
EN 301489-1 V2.2.0 Draft	ESP32-SOLO-1
EN 301489-17 V3.2.0 Draft	
EN 300328 V2.1.1	
EN 62311:2008	

¹⁾ For Wi-Fi communication, Wi-Fi module manufactured by ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD. The type of ESP32-SOLO-1 complies with the essential requirements, in accordance with Article 3 of Directive 2014/53/EU, the certificate No. of EU-type examination (Module B) is 192140275/AA/00 for trademark ESPRESSIF.

Technical features and characteristics for ESP32-SOLO-1, IEEE 802.11 b/g/n (20/40 MHz)

- Operating frequency range : 2412-2472 MHz (13/9 channels)
- Maximum output power: 19.98 dBm EIRP average (calculated)
- Maximum antenna gain: 3.7 dBi

Note: The declaration of conformity is issued under the sole responsibility of the manufacturer.

Without an explicit written confirmation by Suzhou Hypontech Co.,Ltd, this declaration of conformity is no longer valid if the product is modified, supplemented or changed in any other way and if components which are not part of the Hypontech accessory, are integrated in the product, as well as if the product is used or installed improperly.

Suzhou Hypontech Co.,Ltd.

Jack Tu

Product Manager

Place: Suzhou

Date: 2022-3-1