

EU-Type Examination Certificate

No. E6A 114387 0136 Rev. 02

Holder of Certificate: **Huawei Digital Power Technologies Co., Ltd.**
Office 01, 39th Floor, Block A
Antuoshan Headquarters Towers
33 Antuoshan 6th Road, Futian District
518043 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
(Smart PV Optimizer)

This EU-Type Examination Certificate is issued according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all aspects of the requirements of the EMC directive as specified by the manufacturer or his authorized representative in the European Community and applies only to the sample and/or its technical documentation submitted for testing and certification. This Type Examination does not contain any statements pertaining to the EMC protection requirements governed by other laws which serve to implement EU Directives other than the aforementioned Directive 2014/30/EU.
For details see: www.tuvsud.com/ps-cert

Evaluation Report No.: 64772243039804-(T)

Date, 2026-03-02

The EMC state of the art for this certificate will be monitored for 5 years after the issue date until 2031-02-27. During this time, the certificate might be re-evaluated if underlying standards change. In any case, after this 5-year period the certificate will be required to be up re-issued or will be automatically withdrawn.


(Samuel Zhang)

EU-Type Examination Certificate

No. E6A 114387 0136 Rev. 02

Model(s): MERC-600W-PA0, MERC-600W-I0, SUN2000-600W-PA0

Trade name: HUAWEI

Description of Object:

Model	MERC-600W-PA0	MERC-600W-I0	SUN2000-600W-PA0
Input			
Rated PV module power	600 W		
Maximum PV module power	720 W		
Maximum input voltage	80 V		
MPPT voltage range	10-80 V		
Maximum shortcircuit current	24 A		
Overvoltage category	II		
Output			
Rated output power	600 W		
Output voltage	1-80 V		
Maximum output current	16 A		
Use environment	residential and other than residential		
Remark: All aspects of the essential requirements were assessed. The certification is only valid if no transmitting radio equipment is included in the device (BT,WiFi, 4G, RFID.etc).			

**Tested
according to:**

EN 62920:2017/A1:2021
EN 55011:2016/A2:2021
EN IEC 61000-6-1:2019
EN IEC 61000-6-3:2021
EN IEC 61000-6-2:2019
EN IEC 61000-6-4:2019