

# EU-Type Examination Certificate

No. E6A 114387 0136 Rev. 00

**Holder of Certificate:** **Huawei Digital Power Technologies Co., Ltd.**  
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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 such 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](http://www.tuvsud.com/ps-cert)

**Evaluation Report No.:** 64.772.24.30398.02-(T)

**Date,** 2024-06-04



( Yury Oleinik )



Product Service

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**Model(s):** MERC-600W-PA0

**Trade name:** HUAWEI

## Description of Object:

Model	MERC-600W-PA0
Input	
Rated PV module power	600 W
Maximum PV module power	630 W
Maximum input voltage	80 V
MPPT voltage range	10-80 V
Maximum shortcircuit current	16 A
Overvoltage category	II
Output	
Rated output power	600 W
Output voltage	1-80 V
Maximum output current	16 A

Remark: All aspects of the essential requirements were assessed

**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