

**EU DECLARATION OF CONFORMITY**



**It is hereby declared that following designated product:**

Product Type:DC-DC Converter

Model Number: See model list

Product Description: See model list

**Complies with** the essential protection requirements of the Electromagnetic Compatibility (Directive 2014/30/EU), Restriction of the Certain Hazardous Substances in electrical and electronic equipment (Directive 2011/65/EU) and their amendments (ROHS Directive (EU)2015/863).

This declaration applies to all specimens manufactured identical to the samples submitted for testing/evaluation.

Assessment of compliance of the product with the requirements relating to Directive 2014/30/EU and Directive 2011/65/EU was performed by Mornsun based on the following standards:

- EN IEC 62368-1:2020+A11:2020
- EN 55032:2015+A11:2020
- EN 55035:2017+A11:2020
- EN IEC 63000:2018

This declaration is the responsibility of the manufacturer:

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.

No.8, Nanyun Road 4, Huangpu District GUANGZHOU, GUANGDONG 510670 China

Authorised person signing for the company:

Naiqing Xie Regulation Compliance Manager Of MORNSUN

*Name in block letters & position in the company*

Guangzhou, 28<sup>th</sup> October. 2023

*Place & date*

*Legally valid signature*

**Model list:**

Input voltage: 18---36Vdc Input current: 3.23A				
Part number	Output voltage	Output current	Output power	Transformer type
VRF2405DD-50WR4*	5V	10000mA	50W	14271442
VRF2412DD-50WR4*	12V	4167mA	50W	14271443
VRF2415DD-50WR4*	15V	3333mA	50W	14271443
VRF2424DD-50WR4*	24V	2083mA	50W	14271445
VRF2428DD-50WR4*	28V	1786mA	50W	14271445
Note: All VRF24xxDD-50WR4* product models differ in transformer, product name, output voltage and current, but are identical in circuit and structure. *= null or *=1-3 letters A-Z. When *= null, it indicates the standard model. When *=1-3 letters A-Z, it indicates different derivative models.				

**Model differences:**

All models are identical in mechanical, physical construction except for transformer, electrical schematic, model name, the voltage and current of output rating.

VRF2405DD-50WR4 use separate electrical schematic and the PCB.

VRF2412DD-50WR4 & VRF2415DD-50WR4 use same electrical schematic and PCB.

VRF2424DD-50WR4 & VRF2428DD-50WR4 use same electrical schematic and PCB.