



## UK Declaration of Conformity

For the following equipment :

Product Name: DC-DC converter

Model Designation: DDRH-45-xyzzz (xx=12,15,24,48 ; y=P, ST, DR zzz:0~9, A~Z or blank)

The designated product(s) is(are) in conformity with the relevant legislation:

### The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012: SI 2012 No. 3032

### Electrical Equipment (Safety) Regulations 2016 :

EN 62109-1

Dekra certificate No : 4908246.02

### Electrical Compatibility Regulations 2016 :

#### EMI (Electro-Magnetic Interference)

Conducted emission BS EN 55032:2015+A11:2020 Class A

Radiated emission BS EN 55032:2015+A11:2020+A1:2020 Class A

#### EMS (Electro-Magnetic Susceptibility)

BS EN 55035:2017+A11:2020 EN IEC 61000-6-2:2019

ESD air BS EN 61000-4-2:2009 Level 3 8KV

ESD contact BS EN 61000-4-2:2009 Level 2 4KV

RF field susceptibility BS EN 61000-4-3:2020 Level 3 10V/m

EFT bursts BS EN 61000-4-4:2012 Level 4 0.5KV

Surge susceptibility BS EN 61000-4-5:2014+A1 : 2017 Level 4 2KV/Vin~-Vin

Conducted susceptibility BS EN 61000-4-6:2014 Level 3 10Vrms

Magnetic field immunity EN 61000-4-8:2010 Level 4 30A/m

#### Note:

The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete system, the final equipment manufacturers must re-qualify EMC Regulations on the complete system again.

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

This Declaration is effective from serial number 2330

### Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)

Aries Jian/ Director, Group R&D :

(Name / Position)

(Signature)

Taiwan

(Place)

Aug.14th.2023

(Date)