



UK Declaration of Conformity

For the following equipment :

Product Name: DC-DC converter

MDSwx-yzzzN (w=01, 02; x=L, M, N, P; y=03,05,12,15; zzz=0~9,A~Z or blank)

Model Designation: MDDwx-yzzzN (w=01, 02; x=L, M, N, K; y=03,05,09,12,15; 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 :

The products applicative voltage is under 75VDC of LVD minimum adopted voltage.

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55032:2015/+A11:2020 Class B

BS EN 55011:2016/A1:2017,Group 1 Class B

Harmonic current BS EN IEC 61000-3-2:2019 Class A

Voltage flicker BS EN 61000-3-3:2013/A1:2019 Refer to 6.5.1

EMS (Electro-Magnetic Susceptibility)

BS EN 55035:2017+A11:2020 BS EN 60601-1-2:2015

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

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

RF field susceptibility BS EN 61000-4-3:2006+A2:2010 Level 2 3V/m

EFT bursts BS EN 61000-4-4:2012 Level 1 0.5KV/5KHz

Surge susceptibility BS EN 61000-4-5:2014+A1:2017 Level 2 0.5KV/Line to Ground

Conducted susceptibility BS EN 61000-4-6:2014 Level 2 3Vrms

Magnetic field immunity BS EN 61000-4-8:2010 Level 1 1A/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 2410

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)

Alex Tsai /Director, Marketing Department :

(Name / Position)

(Signature)

Taiwan

(Place)

Mar.14th.2024

(Date)