



## UK Declaration of Conformity

For the following equipment :

Product Name: DC-DC converter

Model Designation: vKM30x-yyzzz-N (v=S, D; x=F, G; yy= 05,12,15 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 A

**EMS (Electro-Magnetic Susceptibility)**

BS EN 55035:2017+A112020

ESD contact	BS EN 61000-4-2:2008	Level 2	4KV
EDS air	BS EN 61000-4-2:2008	Level 3	4KV
RF field susceptibility	BS EN 61000-4-3:2020	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 1	0.5KV/lien-lien
Conducted susceptibility	BS EN 61000-4-6:2013+C1:2015	Level 2	3Vrms
Magnetic field immunity	BS EN 61000-4-8:2009	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.

The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure.

For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on <http://www.meanwell.com>)".

This Declaration is effective from serial number 2249R

**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)

Dec. 20th, 2022

(Date)