



UK Declaration of Conformity

For the following equipment :

Product Name: DC-DC converter

Model Designation: SMU01x-yzzz (x=K, L, M, N, O; y=03, 05, 09, 12,15, 24 ;zzz=0~9,A~Z or blank)

SMU02x-yzzz (x= L, M, N, O; y=03, 05, 09, 12,15, 24 ;zzz=0~9,A~Z or blank)

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

EMS (Electro-Magnetic Susceptibility)

BS EN 55035: 2017+A11:2020

| | | | |
|--------------------------|------------------------------|---------|-------|
| ESD contact | BS EN 61000-4-2:2009 | Level 3 | 8KV |
| RF field susceptibility | BS EN IEC 61000-4-3:2020-TC | Level 2 | 3V/m |
| EFT bursts | BS EN 61000-4-4:2012 | Level 1 | 0.5KV |
| Surge susceptibility | BS EN 61000-4-5:2014+A1:2017 | Level 1 | 0.5KV |
| 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 2448R

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, Sales Dept :

(Name / Position)

(Signature)

Taiwan

(Place)

Decl. 20th, 2024

(Date)