# UK Declaration of Conformity

For the following equipment：

Product Name: Switching Power Supply

Model Designation: RS-25-x (x=3.3/5/12/15/24/48)

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：**

| | |
|---|---|
| BS EN 62368-1:2014+A11:2017 | TUV certificate No：R50438999 |

**Electrical Compatibility Regulations 2016：**

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

| | | | |
|---|---|---|---|
| | BS EN 55032:2015 | Class B | |
| Harmonic current | BS EN 61000-3-2:2014 | | |
| Voltage flicker | BS EN 61000-3-3:2013 | | |

**EMS (Electro-Magnetic Susceptibility)**

BS EN 55024:2010+A1:2015

| | | | |
|---|---|---|---|
| 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: 2006+A1:2008+A2:2010 | Level 2 | 3V/m |
| EFT bursts | BS EN 61000-4-4: 2012 | Level 2 | 1KV/5KHz |
| Surge susceptibility | BS EN 61000-4-5:2014 | Level 3 | 1KV/Line-Line |
| Surge susceptibility | BS EN 61000-4-5:2014 | Level 3 | 2KV/Line-Earth |
| Conducted susceptibility | BS EN 61000-4-6:2014 | Level 2 | 3V |
| Magnetic field immunity | BS EN 61000-4-8:2010 | Level 2 | 3A/m |
| Voltage dip, interruption | BS EN 61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods | | |

**Note:**

A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Regulations on the complete installation 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)" and TDF (Technical Documentation File).

This Declaration is effective from serial number SC1xxxxxxx

**Person responsible for marking this declaration：**

MEAN WELL Enterprises Co., Ltd.
(Manufacturer Name)

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(Manufacturer Address)

| | | | |
|---|---|---|---|
| Aries Jian/ Director, Group R&D： | Aries | Alex Tsai/ Director, Product Strategy Center： | |
| (Name / Position) | (Signature) | (Name / Position) | (Signature) |
| Taiwan | May. 27th, 2021 | | |
| (Place) | (Date) | | |

Version：1