



# UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: SD-15X-Y (X=A,B,C ; Y=05,12,24)

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 Safety Regulations minimum adopted voltage.

### Electrical Compatibility Regulations 2016 :

#### EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55032:2015+A1:2020

Class B

Harmonic current BS E IEC N61000-3-2:2019+A1:2021

Voltage flicker BS EN 61000-3-3:2013+A1:2019

#### EMS (Electro-Magnetic Susceptibility)

BS EN 55035:2017+A1:2020

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 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 3	1KV/Line-Line
Surge susceptibility	BS EN 61000-4-5:2014+A1:2017	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	EN IEC 61000-4-11:2020		< 5% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , <5% residual voltage for 250 cycles

#### 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 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 SC1xxxxxxx

### 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)

*Aries*  
(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

*[Signature]*  
(Signature)

Taiwan

(Place)

July. 26th,2021

(Date)