



## UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: SE-450-x (x=3.3, 5, 12, 15, 24, 36 or 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

CB certificate No : DK-77926-UL

### Electrical Compatibility Regulations 2016 :

#### EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55032:2015

Class A

Harmonic current

BS EN IEC 61000-3-2:2014

Not fulfilled (See Note 2)

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 1 1A/m

Voltage dip, interruption

BS EN 61000-4-11:2004

>95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods

#### Note:

1. 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).

2. Exception: The following end-devices do not need to fulfill EN61000-3-2

- professional equipment with a total rated power greater than 1 kW;
- symmetrically controlled heating elements with a rated power less than or equal to 200 W;

This Declaration is effective from serial number GC1xxxxxxx

### 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 :

*Aries*

(Signature)

Alex Tsai/ Director, Product Strategy Center :

*[Signature]*

(Name / Position)

(Signature)

Taiwan

May. 27th, 2021

(Place)

(Date)