



## UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: PSD-45x-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 :**

BS EN62368-1:2014+A11:2017

CB certificate No : R40456540

**Electrical Compatibility Regulations 2016 :**

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

BS EN 55032:2015

Class B

**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

**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 SC1xxxxxx

**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 :

(Name / Position)

*Aries*  
(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

*[Signature]*  
(Signature)

Taiwan

(Place)

Jun. 28th, 2021

(Date)