



## UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation:PSC-100x(x=A or B)

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 : R 50436605

**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 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:**

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 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 :

(Name / Position)

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(Place)

*Aries*

(Signature)

Jun. 28th, 2021

(Date)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

*[Signature]*

(Signature)