



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: PS-05-x(x=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 : R 50455178

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55032:2015+A11:2020+A1:2020

Class B

Harmonic current BS EN IEC 61000-3-2:2019+A1:2021

Voltage flicker BS EN 61000-3-3:2013+A1:2019+A2:2021

EMS (Electro-Magnetic Susceptibility)

BS EN 55035:2017+A11:2020

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 IEC 61000-4-3:2020 Level 2 3V/m

EFT bursts BS EN 61000-4-4:2012 Level 2 1KV/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 BS EN IEC 61000-4-11:2020 >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 SC4xxxxxxx

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)

Aug. 21st, 2024

(Date)