



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: MP450-aaaaa ; MP450-aaab ; MP450-aaba ; MP450-abaa ; MP450-baaa ; MP450-abbc ; MP450-bbac ; MP450-bab ; MP450-aaabd ; MP450-aabad ; MP450-abaad ; MP450-baaad
(a=A-X , 1A-1K or # ; b=2A-2K,3A-3K or ## ; c=1 or 2 or blank ; d=7,8,9 or blank)

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 : R50455796

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

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

Voltage dip, interruption

BS EN 61000-4-11:2004
>95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods

Note:

A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation 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>)" and TDF (Technical Documentation File).

This Declaration is effective from serial number TC1xxxxxx

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)

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Jun. 28th, 2021

(Date)