



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: OWA-200E-x (x=12,20,24,36,42)

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 EN61558-1:2005+A1:2009 / EN61558-2-16:2009+A1:2013
BS EN IEC 61558-1:2019

DEKRA GS certificate No :
4915011.21004

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55032:2015+A11:2020 Class B

Harmonic current BS EN IEC 61000-3-2:2019

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

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 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+A1:2017 Level 4 2KV/Line-Line

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.

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019 : BS EN 50563:2011+A1:2013, BS EN 50564:2011

This Declaration is effective from serial number GC1xxxxxx

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)

Taiwan

(Place)

Aries

(Signature)

May. 27th, 2021

(Date)

Alex Tsai/ Director, Product Strategy
Center :

(Name / Position)

(Signature)



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: OWA-200E-x (x=48,54)

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Electrical Equipment (Safety) Regulations 2016 :

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DEKRA GS certificate No : 4915011.21005

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Magnetic field immunity BS EN 61000-4-8:2010 Level 2 3A/m

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Alex Tsai/ Director, Product Strategy Center :

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May. 27th, 2021

(Date)