



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: OWA-60E-x (x=12,15,20,24,27,28,30,36,42)

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 EN 60335-1:2012+A2:2019

BS EN IEC 61558-1:2019 / BS EN61558-2-16:2009+A1:2013 DEKRA certificate No : 35-123417

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55032:2015+A1:2020 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, BS EN 61000-6-3:2007+A1:2011, BS EN IEC 61000-6-1:2019

BS EN 61204-3:2018

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 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 <5% residual voltage for 250 cycles	<5% residual voltage for 0.5 cycles, 70% residual voltage for 25 cycles,	

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 2020

This Declaration is effective from serial number GC2xxxxxxx

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)

Apr. 25th, 2022

(Date)



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: OWA-60E-x (x=48,54)

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 IEC 61558-1:2019

BS EN 61558-2-16:2009+A1:2013

DEKRA certificate No : 35-123416

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55032:2015+A1:2020

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, BS EN 61000-6-3:2007+A1:2011, BS EN IEC 61000-6-1:2019

BS EN 61204-3:2018

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 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 cycles, <5% residual voltage for 250 cycles	<5% residual voltage for 0.5 cycles, 70% residual voltage for 25	

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.

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