



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)

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied :

RoHS Directive (2011/65/EU), (EU)2015/863

Low Voltage Directive (2014/35/EU) :

EN60335-1:2012+A11:2014

EN61558-1:2005+A1:2009 / EN61558-2-16:2009+A1:2013

DEKRA GS certificate No : 4915011.18003

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN55032:2015

EN55014-1:2017

Class B

Harmonic current EN61000-3-2:2014

Voltage flicker EN61000-3-3:2013

EMS (Electro-Magnetic Susceptibility)

EN55024:2010+A1:2015 EN55035:2017 EN55014-2:2015

ESD air EN61000-4-2:2009 Level 3 8KV

ESD contact EN61000-4-2:2009 Level 2 4KV

RF field susceptibility EN61000-4-3:2006+A1:2008+A2:2010 Level 2 3V/m

EFT bursts EN61000-4-4:2012 Level 2 1KV/5KHz

Surge susceptibility EN61000-4-5:2014 Level 4 2KV/Line-Line

Conducted susceptibility EN61000-4-6:2014 Level 2 3V

Magnetic field immunity EN61000-4-8:2010 Level 2 3A/m

Voltage dip, interruption EN61000-4-11:2004 >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 installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

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

Energy-Related Products Directive (2009/125/EC):

Ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies EC No.278/2009

This Declaration is effective from serial number HB9xxxxxx

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)

Johnny Huang/Manager, Certification Center :

(Name / Position)

(Signature)

Alex Tsai/Director, Marketing Department :

(Name / Position)

(Signature)

Taiwan

(Place)

Jul. 22nd, 2019

(Date)



Declaration of conformity

For the following equipment :

Product Name: Switching Power Supply

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

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied :

RoHS Directive (2011/65/EU), (EU)2015/863

Low Voltage Directive (2014/35/EU) :

EN61558-1:2005+A1:2009 / EN61558-2-16:2009+A1:2013 DEKRA GS certificate No : 4915011.18004

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission	EN55032:2015 EN55014-1:2017	Class B
Harmonic current	EN61000-3-2:2014	
Voltage flicker	EN61000-3-3:2013	

EMS (Electro-Magnetic Susceptibility)

EN55024:2010+A1:2015 EN55035:2017 EN55014-2:2015			
ESD air	EN61000-4-2:2009	Level 3	8KV
ESD contact	EN61000-4-2:2009	Level 2	4KV
RF field susceptibility	EN61000-4-3:2006+A1:2008+A2:2010	Level 2	3V/m
EFT bursts	EN61000-4-4:2012	Level 2	1KV/5KHz
Surge susceptibility	EN61000-4-5:2014	Level 4	2KV/Line-Line
Conducted susceptibility	EN61000-4-6:2014	Level 2	3V
Magnetic field immunity	EN61000-4-8:2010	Level 2	3A/m
Voltage dip, interruption	EN61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods		

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