



Declaration of conformity

For the following equipment :

Product Name: Switching Power Supplies

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)

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 : 4915011.15002

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission	EN55032:2015 EN55014-1:2006+A1:2009+A2:2011	Class B
Radiated emission	EN55032:2015 EN55014-1:2006+A1:2009+A2:2011	Class B
Harmonic current	EN61000-3-2: 2014	
Voltage flicker	EN61000-3-3: 2013	

EMS (Electro-Magnetic Susceptibility)

EN55024:2010+A1:2015 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 HB7xxxxxx

Person responsible for marking this declaration :

MEAN WELL (Guangzhou) Electronics Co., Ltd.

(Manufacturer Name)

2/F, A Building, Yuean Ind. Park, Huangcun, Dongpu Town, Tianhe District, Guangzhou, China

(Manufacturer Address)

Howay_Lin/ Engineering Manager :

(Name / Position)

(Signature)

Frank_Peng/ RD Manager :

(Name / Position)

(Signature)

GuangZhou

(Place)

Apr. 27, 2017

(Date)



Declaration of conformity

For the following equipment :

Product Name: Switching Power Supplies

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)

Low Voltage Directive (2014/35/EU) :

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

DEKRA GS certificate No : 4915011.15003

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission	EN55032:2015 EN55014-1:2006+A1:2009+A2:2011	Class B
Radiated emission	EN55032:2015 EN55014-1:2006+A1:2009+A2:2011	Class B
Harmonic current	EN61000-3-2:2014	
Voltage flicker	EN61000-3-3: 2013	

EMS (Electro-Magnetic Susceptibility)

	EN55024:2010+A1:2015	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:

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(Signature)

Frank_Peng/ RD Manager :

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Frank Peng
(Signature)

GuangZhou

(Place)

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