



## Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: OWA-120E-x (x=12,15,20,24,30,36,42,48,54)

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 certificate No : 4915011.15009 (for48~54V)

EN61558-1:2005+A1:2009/EN61558-2-16:2009+A1:2013 DEKRA certificate No : 4915011.15008(for12V~42V)  
EN60335-1:2012+A11:2014/EN62233:2008

### 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 EN55014-2:2015 EN55035:2017

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 3 2KV/5KHz

Surge susceptibility EN61000-4-5:2014+A1:2017 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+A1:2017 >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 (EU)2019/1782

This Declaration is effective from serial number HB9xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

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Johnny Huang/Manager, Certification Center :

(Name / Position)

(Signature)

Alex Tsai/Director, Marketing Department :

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Taiwan

(Place)

Nov. 14th, 2019

(Date)