



## Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: xLy-100-z(x=C or P) (y=C or G or N) (z=12,15,20,24,27,36,48)

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

### RoHS Directive (2011/65/EU)

**Energy-Related Products Directive (2009/125/EC)**  
Implementing measure COMMISSION REGULATION(EC) No 1194/2012

### Low Voltage Directive (2014/35/EU) :

EN61347-1:2015 EN61347-2-13:2014/A1:2017

TUV certificate No : R50158358 (for CLG,PLN-100)

TUV certificate No : R50113492 (for PLC-100)

EN60950-1:2006+A11+A1+A12+A2

TUV certificate No : R50091288

### Electromagnetic Compatibility Directive (2014/30/EU) :

#### EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN55015:2013+A1:2015

EN55032:2015

Harmonic current EN61000-3-2: 2014

Voltage flicker EN61000-3-3: 2013

#### EMS (Electro-Magnetic Susceptibility)

EN61547:2009 EN55024:2010+A1:2015

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

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

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.

Tests above are only to be performed with intended loads, i.e. either with LEDs or resistive load.

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

To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED power supply can only be used behind a switch without permanently connected to the mains.

This Declaration is effective from serial number HB7xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

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(Manufacturer Address)

Johnny Huang/Manager, Certification Center :

(Name / Position)

(Signature)

Alex Tsai/Director, Marketing Department :

(Name / Position)

(Signature)

Taiwan

(Place)

Oct. 8th, 2017

(Date)