



### Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: X-20-Y (X=NFM,PM) (Y=3,3,5,12,15,24)

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

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

#### MDD Directive (93/42/EEC)

EN60601-1:2006+A11+A1+A12

TUV certificate No : TA50220147

#### EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN55011:2009+A1:2010 (Group 1)

Class B

EN55022:2010

Class B

EN61000-6-3:2007+A1:2011+AC:2012

Harmonic current EN61000-3-2:2014

Voltage flicker EN61000-3-3:2013

#### EMS (Electro-Magnetic Susceptibility)

EN60601-1-2:2015 EN55024:2010+A1:2015 EN61204-3:2000 EN61000-6-2:2005+AC:2005

ESD air EN61000-4-2:2009 Level 4 15KV

ESD contact EN61000-4-2:2009 Level 4 8KV

RF field susceptibility EN61000-4-3:2006+A1:2008+A2:2010 Level 4 30V/m

EFT bursts EN61000-4-4:2012 Level 3 2KV/100KHz

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 3 10V

Magnetic field immunity EN61000-4-8:2010 Level 4 30A/m

Voltage dip, interruption EN61000-4-11:2004 100% dip 1 periods 30% dip 25 periods 100% interruptions 250 periods

#### Note:

A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure.

For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on <http://www.meanwell.com>)" and TDF (Technical Documentation File).

This Declaration is effective from serial number EB6xxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan

(Manufacturer Address)

Johnny Huang/ Manager, Certification Center :

(Name / Position)

(Signature)

Ted Cheng/Director, Sales Dept. :

(Name / Position)

(Signature)

Taiwan

(Place)

Sep. 30th, 2016

(Date)