



## EC declaration of conformity

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: WDR-120-X (X=12/24/48)

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

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

### Low Voltage Directive (2006/95/EC) :

EN 60950-1:2006 + A1:2010 + A2:2013 + A11:2009 +A12:2011

CB certificate No : SI-4156

### Electromagnetic Compatibility Directive (2004/108/EC) :

#### EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN55022:2010

Class B

EN55011:2009+A1:2010

Class B

EN61000-6-3:2007+A1:2011

EN61204-3:2000

Harmonic current

EN61000-3-2:2006+A1:2009+A2:2009

Voltage flicker

EN61000-3-3: 2008

#### EMS (Electro-Magnetic Susceptibility)

EN55024:2010 EN61204-3:2000 EN61000-6-2:2005

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 3 10V/m

EFT bursts

EN61000-4-4:2012

Level3 2KV/5KHz

Surge susceptibility

EN61000-4-5:2006

Level 4 2KV/Line-Line 4KV/Line-Earth

Conducted susceptibility

EN61000-4-6:2009

Level 3 10V

Magnetic field immunity

EN61000-4-8:2010

Level 4 30A/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).

This Declaration is effective from serial number RB4xxxxxxx

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 (R.O.C.)

(Manufacturer Address)

Johnny Huang/Senior Verification Engineer :

(Name / Position)

(Signature)

Ted Cheng/Product Manager :

(Name / Position)

(Signature)

Taiwan

(Place)

Mar. 17th, 2014

(Date)