



### EC-Conformity Declaration

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: SD-100x-y(x=B,C : y=5,12,24)

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

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

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

The LVD is only to ensure safety within voltage ratings between 75 and 1500VDC.

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

##### EMI (Electro-Magnetic Interference)

Radiated emission

EN55022:2006+A1:2007  
EN55011:2009+A1:2010  
EN61000-6-3:2007

Class B  
Class B

##### EMS (Electro-Magnetic Susceptibility)

EN55024:2010 EN61204-3:2000 EN61000-6-1:2007

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	EN61000-4-4:2004+A1:2010	Level 2	0.5KV/5KHz
Surge susceptibility	EN61000-4-5:2006	Level 3	1KV/Line-Line
Conducted susceptibility	EN61000-4-6:2009	Level 2	3V
Magnetic field immunity	EN61000-4-8:2010	Level 2	3A/m

##### 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>)".

This Declaration is effective from serial number EB2xxxxxxx

Person responsible for marking this declaration :

Mean Well Enterprises Co., Ltd.

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*Johnny Huang*  
(Signature)

Ted Cheng/Product Manager :

(Name / Position)

*Ted Cheng*  
(Signature)

Taiwan

(Place)

Sep. 19, 2012

(Date)