



### EC-Conformity Declaration

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: PLN-100-x (x=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)

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

EN61347-1:2008 / EN61347-2-13:2006 TUV certificate No : R50113492  
EN60950-1:2006+A11+A1+A12 TUV certificate No : R50091288

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

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

Conducted emission / Radiated emission

	EN55022:2010	Class B
	EN55011:2009+A1:2010 (Group 1)	Class B
	EN61000-6-3:2007+A1:2011	
Harmonic current	EN61000-3-2:2006+A1:2009+A2:2009	class C( $\geq$ 75% load)
Voltage flicker	EN61000-3-3: 2008	

##### 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	EN61000-4-4:2012	Level 2	1KV/5KHz
Surge susceptibility	EN61000-4-5:2006	Level 4	2KV/Line-Line 4KV/Line-Earth
Conducted susceptibility	EN61000-4-6:2009	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).

This Declaration is effective from serial number RB2xxxxxx

Person responsible for marking this declaration :

Mean Well Enterprises Co., Ltd.

(Manufacturer Name)

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(Manufacturer Address)

Johnny Huang/Senior Verification Engineer :

(Name / Position)

*Johnny Huang*  
(Signature)

Ted Cheng/Product Manager :

(Name / Position)

*Ted Cheng*  
(Signature)

Taiwan

(Place)

Aug. 28, 2013

(Date)