



EC-Conformity Declaration

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: PLC-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) :

EN61347-1:2001 / 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

EN55015: 2006+A1:2007+A2:2009	Class B
EN55022:2006+A1:2007	Class B
EN55011:2007+A2:2007 (Group 1)	
EN61000-6-3:2007	

Harmonic current EN61000-3-2:2006 class C($\geq 75\%$ load)

Voltage flicker EN61000-3-3: 1995+A1:2001+A2:2005

EMS (Electro-Magnetic Susceptibility)

EN61547:2009 EN55024:1998+A1:2001+A2:2003 EN61204-3:2000 EN61000-6-1:2007

ESD air IEC61000-4-2:1995+A1:1998+A2:2000 Level 3 8KV

ESD contact IEC61000-4-2:1995+A1:1998+A2:2000 Level 2 4KV

RF field susceptibility IEC61000-4-3:2006 Level 2 3V/m

EFT bursts IEC61000-4-4:2004 Level 2 1KV/5KHz

Surge susceptibility IEC61000-4-5:2005 Level 4 2KV/Line-Line 4KV/Line-Earth

Conducted susceptibility IEC61000-4-6:1996+A1:2000 Level 2 3V

Magnetic field immunity IEC61000-4-8:1993+A1:2000 Level 2 3A/m

Voltage dip, interruption IEC61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods

Keyed carrier immunity ENV50204:1995 Level 2 3V/m 900MHz

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)

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)

Sep. 19, 2012

(Date)