



EC declaration of conformity

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: MDR-100-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) :

EN60950-1:2006+A11+A1+A12 TUV certificate No : R50123453

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

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 system, the final equipment manufacturers must re-qualify EMC Directive on the complete system again.
For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

This Declaration is effective from serial number EB3xxxxxx

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 :  Ted Cheng/Product Manager : 
(Name / Position) (Signature) (Name / Position) (Signature)

Taiwan Oct. 22, 2013
(Place) (Date)