MW
MEAN WELL

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EC-Conformity Declaration

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

	EN55022:2006+A1:2007	Class B
	EN55011:2007+A2:2007 (Group 1)	Class B
	EN61000-6-3:2007	
	EN61204-3:2000	

Harmonic current	EN61000-3-2:2006
Voltage flicker	EN61000-3-3: 2008

EMS (Electro-Magnetic Susceptibility)

EN55024:1998+A1:2001+A2:2003   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	Level 3	10V/m
EFT bursts	EN61000-4-4:2004	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	EN61000-4-8:1993+A1:2001	Level 4	30A/m
Voltage dip, interruption	EN61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods		
Keyed carrier immunity	ENV50204:1995	Level 3	10V/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 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 RB2xxxxxxx

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   Jul.19.2010
(Place)   (Date)