



## EC-Conformity Declaration

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: MDR-20-x (x=5/12/15/24)

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

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

EN60950-1:2006 TUV certificate No : R50093954

### 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 EN61000-6-2:2007

|                           |                          |  |                              |
|---------------------------|--------------------------|--|------------------------------|
| 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 | Level 3  | 10V/m                        |
| EFT bursts                | EN61000-4-4:2004         | Level3   | 2KV/5KHz                     |
| Surge susceptibility      | EN61000-4-5:2006         | Level 4  | 1KV/Line-Line 2KV/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 RB01xxxxxx

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)

(Signature)

Ted Cheng/Product Manager :

(Name / Position)

(Signature)

Taiwan

(Place)

Jul.19.2010

(Date)