**MW**
**MEAN WELL**

CE

# Declaration of Conformity

For the following equipment：

Product Name: Switching Power Supply

Model Designation: SD-50x-y(x=A,B,C；y=5,12,24)

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 (2014/35/EU)：

The LVD is only to ensure safety within voltage ratings between 75 and 1500VDC

## Electromagnetic Compatibility Directive (2014/30/EU)：

**EMI (Electro-Magnetic Interference)**
Conducted emission / Radiated emission
                    EN55032:2015                                    Class B

**EMS (Electro-Magnetic Susceptibility)**

EN55024:2010+A1:2015

| | | | |
|---|---|---|---|
| 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 | EN61000-4-5:2014 | Level 3 | 1KV/Line-Line |
| Conducted susceptibility | EN61000-4-6:2014 | Level 2 | 3V |
| Magnetic field immunity | EN61000-4-8:2010 | Level 2 | 3A/m |

**Note:**
A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.
The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure.
For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on http://www.meanwell.com)".

This Declaration is effective from serial number EB7xxxxxxx

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

(Manufacturer Address)

Johnny Huang/ Manager, Certification Center：            Alex Tsai/Director, Marketing Department：

(Name / Position)            (Signature)            (Name / Position)            (Signature)

Taiwan            Mar. 10th, 2017

(Place)            (Date)