



Declaration of conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: HDR-100-xy(x=12,15,24,48;y=blank or N)

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) :

EN61558-1:2005+A1;
EN61558-2-16:2009+A1

TUV certificate No : R 50360935

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission	EN55032:2015+AC:2016/EN61204-3:2016	Class B
Radiated emission	EN55032:2015+AC:2016/EN61204-3:2016	Class B
Harmonic current	EN61000-3-2:2014	
Voltage flicker	EN61000-3-3: 2013	

EMS (Electro-Magnetic Susceptibility)

EN55024:2010+A1:2015	EN61204-3:2016		
ESD air	EN61000-4-2:2009	Level 3	8KV
ESD contact	EN61000-4-2:2009	Level 2	4KV
RF field susceptibility	EN61000-4-3:2010	Level 3	10V/m
EFT bursts	EN61000-4-4:2012	Level 3	2KV/5KHz
Surge susceptibility	EN61000-4-5:2014	Level 4	2KV/Line-Line
Conducted susceptibility	EN61000-4-6:2014	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:

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 EB7xxxxxx

Person responsible for marking this declaration :

SuZhou MEAN WELL Technology Co.,Ltd.

(Manufacturer Name)

No.77, Jianmin Road, Dongqiao · Panyang Ind. Park, Huangdai Town, Xiangcheng District, Suzhou, China

(Manufacturer Address)

Bruce Jing/Senior Verification Engineer :

(Name / Position)

Bruce
(Signature)

Harvey He /Product Manager :

(Name / Position)

Harvey
(Signature)

SuZhou

(Place)

Apr. 21st, 2017

(Date)