



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) \ (EU)2015/863

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

EN 55032:2015/A11: 2020

Class B

EMS (Electro-Magnetic Susceptibility)

EN 55024:2010+A1:2015 EN 55035: 2017/A11:2020

ESD air	EN 61000-4-2:2009	Level 3	8KV
ESD contact	EN 61000-4-2:2009	Level 2	4KV
RF field susceptibility	EN 61000-4-3:2006/A2:2010	Level 2	3V/m
EFT bursts	EN 61000-4-4:2012	Level 2	1KV/5KHz
Surge susceptibility	EN 61000-4-5:2014/A1:2017	Level 3	1KV/Line-Line
Conducted susceptibility	EN 61000-4-6:2014	Level 2	3V
Magnetic field immunity	EN 61000-4-8:2010	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 SC1xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

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Taiwan

(Place)

Oct. 22nd, 2021

(Date)