



Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: EPS-120-x (x=12,15,24,27,48)

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

RoHS Directive (2011/65/EU), (EU)2015/863

Low Voltage Directive (2014/35/EU) :

EN 62368-1:2014+A11

TUV certificate No : R50426831

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN 55032:2015 / A11: 2020

Class B

Harmonic current

EN IEC 61000-3-2:2019+ A1: 2021

Voltage flicker

EN 61000-3-3: 2013 / A1: 2019

EMS (Electro-Magnetic Susceptibility)

EN 55035:2017+A11:2020

EN IEC 61000-6-2:2019

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+A1:2008+A2:2010

Level 3

10V/m

EFT bursts

EN 61000-4-4:2012

Level 3

2KV/5KHz

Surge susceptibility

EN 61000-4-5:2014 / A1: 2017

Level 4

2KV/Line-Line

Surge susceptibility

EN 61000-4-5:2014 / A1: 2017

Level 4

4KV/Line-Earth

Conducted susceptibility

EN 61000-4-6:2014

Level 3

10V

Magnetic field immunity

EN 61000-4-8:2010

Level 4

30A/m

Voltage dip, interruption

EN IEC 61000-4-11:2020 <5% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , <5% residual voltage for 250 cycles

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.

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Aries Jian/ Director, Group R&D :

(Name / Position)

Aries
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Alex Tsai/Director, Product Strategy Center :

(Name / Position)

[Signature]
(Signature)

Taiwan

(Place)

Aug. 25th, 2021

(Date)