



Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: RSP-500-x(x=3,3,4,5,12,15,24,27,48)

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 : R50445617

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN 55032:2015 /A11:2020

Class B

see Note 1

EN 55032:2015 /A11:2020

Class A

see Note 2

Harmonic current EN IEC 61000-3-2:2019

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

EMS (Electro-Magnetic Susceptibility)

EN 55024:2010+A1:2015 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

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

Note1:

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>)" and TDF (Technical Documentation File).

Note2:

Measurements shall be performed as below:

- The spacing between SPS and resistive load shall be 0.1m.
- The output DC cable shall be draped over the back of the test table and kept at least 0.4m above the horizontal ground reference plane.

Note3:

This Declaration is effective from serial number SC1xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)

Aries Jian/ Director, Group R&D :

(Name / Position)

(Signature)

Alex Tsai/Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Oct. 4th, 2021

(Date)