



Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: LRS-100-x (x=3.3, 5, 12, 15, 24, 36, 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 IEC 61558-1:2019/EN 61558-2-16:2009+A1

EN 62368-1:2014+A11

EN 60335-1:2012+A11+A13+A14+A15/ EN 62233:2008

TUV certificate No : R50307315

TUV certificate No : R50442670

TUV certificate No : R50309622

Electromagnetic Compatibility Directive (2014/30/EU) : EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN 55032:2015+A1:2020

Class B

EN IEC 55014-1:2021

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

Voltage flicker EN 61000-3-3:2013+A1:2019+A2:2021

EMS (Electro-Magnetic Susceptibility)

EN 55035 :2017+A11:2020 EN IEC 55014-2:2021

ESD air EN 61000-4-2:2009 Level 3 8KV

ESD contact EN 61000-4-2:2009 Level 2 4KV

RF field susceptibility EN IEC 61000-4-3:2020 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 0% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , 40% residual voltage for 10 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>) and TDF (Technical Documentation File).

This Declaration is effective from serial number GC3xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

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Alex Tsai/Director, Product Strategy Center :

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(Place)

Jul. 4, 2023

(Date)