



Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: RHP-8K1U x-y (x=T or I, y=12, 24, 48); RHB-8K1Ux-y (x=T or I, y=12, 24, 48); RCP-1600-x (x=12, 24, 48); RCB-1600-x (x=12, 24, 48); RCP-1600-X-CAN (X=12, 24, 48); RCB-1600-X-CAN (X=12, 24, 48); NSP-1600-x2z (x2 can be 12, 24, 36 or 48; z can be blank, PM or CAN)

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 : R50454758

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission	EN 55032:2015 +A11:2020	Class B
Radiated emission	EN 55032:2015 +A11:2020	Class A

Harmonic current	EN IEC 61000-3-2:2019
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Voltage flicker	EN 61000-3-3:2013 +A1:2019
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EMS (Electro-Magnetic Susceptibility)

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

ESD air	EN 61000-4-2:2009	Level 3	8KV
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ESD contact	EN 61000-4-2:2009	Level 2	4KV
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RF field susceptibility	EN IEC 61000-4-3:2020	Level 3	10V/m
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EFT bursts	EN 61000-4-4:2012	Level 3	2KV/5KHz
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Surge susceptibility	EN 61000-4-5: 2014 +A1:2017	Level 4	2KV/Line-Line
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Surge susceptibility	EN 61000-4-5: 2014 +A1:2017	Level 4	4KV/Line-Earth
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Conducted susceptibility	EN 61000-4-6:2014	Level 3	10V
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Magnetic field immunity	EN 61000-4-8:2010	Level 4	30A/m
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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	
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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 TC2xxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

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(Manufacturer Address)

Aries Jian/ Director, Group R&D :

(Name / Position)

(Signature)

Alex Tsai/Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Jun.6th, 2022

(Date)