



Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: ENP-180-12, ENP-180-24, ENP-180-48, ENP-240-12, ENP-240-24, ENP-240-48

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+A1:2017

CB certificate No : DK-93394-UL

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 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+A1:2008+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

Surge susceptibility EN 61000-4-5:2014/A1: 2017 Level 3 2KV/Line-Earth

Conducted susceptibility EN 61000-4-6:2014 Level 2 3V

Magnetic field immunity EN 61000-4-8:2010 Level 1 1A/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

Note:

The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete system, the final equipment manufacturers must re-qualify EMC Directive on the complete system again.

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

Energy-Related Products Directive (2009/125/EC) :

Ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies EC No.278/2009

This Declaration is effective from serial number TC1xxxxxxx

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)

Aries
(Signature)

Alex Tsai/Director, Product Strategy Center :

(Name / Position)

[Signature]
(Signature)

Taiwan

(Place)

Aug 19th, 2021

(Date)