



Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: XDR-480E-yyZZZZ (yy = 12, 24, 36 or 48; each Z = 0~9, A~Z, a~z or blank for market purpose.)

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 : R50668457

EN IEC 61558-1:2019, EN 61558-2-16:2009+A1

TUV certificate No : R50671135

EN 61010-1:2010+A1, EN IEC 61010-2-201:2018

TUV certificate No : R50678291

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

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 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 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 IEC 61000-4-6:2023

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:

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).

This Declaration is effective from serial number SC5xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

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(Manufacturer Address)

Eris Wu/ Director, Group R&D :

(Name / Position)

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

May. 29th, 2025

(Date)