



Declaration of Conformity

For the following equipment :

Product Name: Din-Rail Switching Power Supply

Model Designation: SDR-960-X (X=24,48)

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 : R50450450

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 IEC61000-3-2:2019	
Voltage flicker	EN 61000-3-3:2013+A1:2019	

EMS (Electro-Magnetic Susceptibility)

EN 55024:2010+A1:2015	EN IEC 61000-6-2:2019	EN IEC 61204-3:2018	EN 55035:2017+A11:2020
ESD air	EN 61000-4-2:2009	Level 4	15KV
ESD contact	EN 61000-4-2:2009	Level 4	8KV
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
Voltage dip, interruption	EN IEC 61000-4-11:2020	>95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods	

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 RC0xxxxxxx

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, Marketing Department :

(Name / Position)

[Signature]
(Signature)

Taiwan

(Place)

Dec. 15th, 2020

(Date)