Declaration of Conformity

For the following equipment：

Product Name: Switching Power Supply

Model Designation: SD-100A-12, SD-100A-5, SD-100A-24

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)：

The LVD is only to ensure safety within voltage ratings between 75 and 1500VDC

Electromagnetic Compatibility Directive (2014/30/EU)：

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN 55032:2015/A11: 2020		Class B

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 IEC 61000-4-3:2020	Level 2	3V/m
EFT bursts	EN 61000-4-4:2012	Level 1	0.5KV/5KHz
Surge susceptibility	EN 61000-4-5:2014/A1:2017	Level 3	1KV/Line-Line
Conducted susceptibility	EN 61000-4-6:2014	Level 2	3V
Magnetic field immunity	EN 61000-4-8:2010	Level 2	3A/m

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 SC1xxxxxxx

Person responsible for marking this declaration：

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)

Aries Jian/ Director, Group R&D：

(Name / Position)

Aries

(Signature)

Alex Tsai/Director, Product Strategy Center：

(Name / Position)

(Signature)

Taiwan

(Place)

Oct. 4th, 2021

(Date)

Version：3

Declaration of Conformity

For the following equipment：

Product Name: Switching Power Supply

Model Designation: SD-100x-y(x=B,C; y=5, 12, 24)

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)：

The LVD is only to ensure safety within voltage ratings between 75 and 1500VDC.

Electromagnetic Compatibility Directive (2014/30/EU)：

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

	EN 55032:2015/A11: 2020	Class B

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 1	0.5KV/5KHz
Surge susceptibility	EN 61000-4-5:2014/A1:2017	Level 3	1KV/Line-Line
Conducted susceptibility	EN 61000-4-6:2014	Level 2	3V
Magnetic field immunity	EN 61000-4-8:2010	Level 2	3A/m

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 SC1xxxxxxx

Person responsible for marking this declaration：

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan

(Manufacturer Address)

Aries Jian/ Director, Group R&D：Aries

(Name / Position) (Signature)

Alex Tsai/Director, Product Strategy Center：

(Name / Position) (Signature)

Taiwan

(Place)

Oct. 4th, 2021

(Date)

Version：6

Declaration of Conformity

For the following equipment：

Product Name: Switching Power Supply

Model Designation: SD-100D-X(X=5,12,24)

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)：

EN62368-1:2014+A11 TUV certificate No：R50456517

Electromagnetic Compatibility Directive (2014/30/EU)：

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN55032:2015 Class B

EMS (Electro-Magnetic Susceptibility)

EN55024:2010+A1:2015

ESD air	EN61000-4-2:2009	Level 3	8KV
ESD contact	EN61000-4-2:2009	Level 2	4KV
RF field susceptibility	EN61000-4-3:2006+A1:2008+A2:2010	Level 2	3V/m
EFT bursts	EN61000-4-4:2012	Level 1	0.5KV/5KHz
Surge susceptibility	EN61000-4-5:2014	Level 3	1KV/Line-Line
Conducted susceptibility	EN61000-4-6:2014	Level 2	3V
Magnetic field immunity	EN61000-4-8:2010	Level 2	3A/m

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 EB20xxxxxxx

Person responsible for marking this declaration：

MEAN WELL Enterprises Co., Ltd.
(Manufacturer Name)
No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan
(Manufacturer Address)

Johnny Huang/ Manager, Certification Center：
(Name / Position) (Signature)

Alex Tsai/Director ,Marketing Department：
(Name / Position) (Signature)

Taiwan
(Place)

Jan. 2nd, 2020
(Date)

Version：7