UK Declaration of Conformity

For the following equipment：

Product Name: Switching Power Supply

Model Designation: RSP-500-x(x=3.3,4,5,12,15,24,27,48)

The designated product(s) is(are) in conformity with the relevant legislation:

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012: SI 2012 No. 3032

Electrical Equipment (Safety) Regulations 2016：

BS EN 62368-1:2014+A11:2017	TUV certificate No：R50445617

Electrical Compatibility Regulations 2016：

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

	BS EN 55032:2015	Class B	
Harmonic current	BS EN 61000-3-2:2014		
Voltage flicker	BS EN 61000-3-3:2013		

EMS (Electro-Magnetic Susceptibility)

BS EN 55024:2010+A1:2015	BS EN 61000-6-2:2005		
ESD air	BS EN 61000-4-2:2009	Level 3	8KV
ESD contact	BS EN 61000-4-2:2009	Level 2	4KV
RF field susceptibility	BS EN 61000-4-3: 2006+A1:2008+A2:2010	Level 3	10V/m
EFT bursts	BS EN 61000-4-4: 2012	Level 3	2KV/5KHz
Surge susceptibility	BS EN 61000-4-5:2014	Level 4	2KV/Line-Line
Surge susceptibility	BS EN 61000-4-5:2014	Level 4	4KV/Line-Earth
Conducted susceptibility	BS EN 61000-4-6:2014	Level 3	10V
Magnetic field immunity	BS EN 61000-4-8:2010	Level 4	30A/m
Voltage dip, interruption	BS EN 61000-4-11:2004	>95%dip0.5 periods	30%dip25 periods >95%interruptions 250 periods

Note1:

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 Regulations 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)" and TDF (Technical Documentation File).

Note2:

Measurements shall be performed as below:
The spacing between SPS and resistive load shall be 0.1m.
The output DC cable shall be draped over the back of the test table and kept at least 0.4m above the horizontal ground reference plane.

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：	Aries	Alex Tsai/ Director, Product Strategy Center：	
(Name / Position)	(Signature)	(Name / Position)	(Signature)
Taiwan	May. 27th, 2021		
(Place)	(Date)		

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