



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: XDR-240E-yyZZZZ (yy = 12, 24, 36 or 48; each Z = 0~9, A~Z, a~z or blank for market purpose.)

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	TUV certificate No : R50670418
BS EN IEC 61558-1:2019,BS EN 61558-2-16:2009+A1	TUV certificate No : R50675705
BS EN 61010-1:2010+A1,BS EN IEC 61010-2-201:2018	TUV certificate No : R50680652

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission	BS EN 55032:2015+A1:2020	Class B
Radiated emission	BS EN 55032:2015+A1:2020	

Harmonic current	BS EN IEC 61000-3-2:2019+A1:2021
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Voltage flicker	BS EN 61000-3-3:2013+A1:2019+A2:2021
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EMS (Electro-Magnetic Susceptibility)

BS EN 55035:2017+A11:2020	BS EN IEC 61000-6-2:2019
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ESD air	BS EN 61000-4-2:2009	Level 3	8KV
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ESD contact	BS EN 61000-4-2:2009	Level 2	4KV
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RF field susceptibility	BS EN IEC 61000-4-3:2020	Level 3	10V/m
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EFT bursts	BS EN 61000-4-4:2012	Level 3	2KV/5KHz
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Surge susceptibility	BS EN 61000-4-5:2014+A1:2017	Level 4	2KV/Line-Line
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Surge susceptibility	BS EN 61000-4-5:2014+A1:2017	Level 4	4KV/Line-Earth
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Conducted susceptibility	BS EN IEC 61000-4-6:2023	Level 3	10V
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Magnetic field immunity	BS EN 61000-4-8:2010	Level 4	30A/m
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Voltage dip, interruption	BS 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	
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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 Regulations 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)

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

(Manufacturer Address)

Eris Wu/ Director, Group R&D :

(Name / Position)

Taiwan

(Place)

(Signature)

Jun. 10th, 2025

(Date)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)