UK Declaration of Conformity

For the following equipment：

Product Name: Switching Power Supply

Model Designation: LRS-150-x (x=12, 15, 24, 36, 48)；LRS-150F-x (x=5, 12, 15, 24, 36, 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	TUV certificate No：R50438342
BS EN IEC 61558-1:2019 /BS EN 61558-2-16:2009+A1	TUV certificate No：R50311825
BS EN 60335-1:2012+A2:2019 / BS EN 62233:2008	TUV certificate No：R50313573

Electrical Compatibility Regulations 2016：

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission	BS EN IEC 55014-1:2021 BS EN 55032:2015/A11:2020	Class B
Harmonic current	BS EN IEC 61000-3-2:2019	Class A (≤ 75% Load)
Voltage flicker	BS EN 61000-3-3:2013/A1:2019	

EMS (Electro-Magnetic Susceptibility)

BS EN 55035:2017/A11:2020 BS EN IEC 55014-2:2021

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/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/A1:2017	Level 4	2KV/Line-Line
Surge susceptibility	BS EN 61000-4-5:2014/A1:2017	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 IEC 61000-4-11:2020	0% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , 40% residual voltage for 10 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 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 GC3xxxxxxx

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：		Alex Tsai/ Director, Product Strategy Center：	
(Name / Position)	(Signature)	(Name / Position)	(Signature)
Taiwan	Jul. 4, 2023		
(Place)	(Date)		