



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: LRS-200N2-y, LRS-350N2-y (y=12,24,36,48)

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+A11:2017

CB certificate No: DK-88539-M2-UL

BS EN IEC 61558-1:2019 / BS EN 61558-2-16:2009+A1:2013

DEKRA certificate No : 35-127532 REV.2

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

	BS EN 55032:2015+A1:2020	Class A
Harmonic current	BS EN IEC 61000-3-2:2019+A1:2021	Not fulfilled (See Note 2)
Voltage flicker	BS EN 61000-3-3:2013+A1:2019+A2:2021	

EMS (Electro-Magnetic Susceptibility)

BS EN 55035:2017+A11:2020

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 IEC 61000-4-3:2020	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	<5% residual voltage for 0.5 cycles , 70% residual voltage for 25 cycles ,<5% residual voltage for 250 cycles	

Note:

1. 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).

2. Exception: The following end-devices do not need to fulfill EN61000-3-2

- professional equipment with a total rated power greater than 1 kW;
- symmetrically controlled heating elements with a rated power less than or equal to 200 W;

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)

Aries Jian/ Director, Group R&D :

(Name / Position)

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Sep. 27th, 2023

(Date)