



UK Declaration of Conformity

For the following equipment :

Product Name: DC-DC converter

Model Designation: RQB40W12-110Syyzzz (yy=05,12,24,48,54; zzz=0~9 orA~Z or blank)

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 :

EN 62368-1:2014

UL Certificate No.20190419-E305166

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55032:2015+A11:2020

Class

A&B

EMS (Electro-Magnetic Susceptibility)

BS EN 55035:2017+A11:2020

ESD contact	BS EN 61000-4-2:2008	Level 3	8KV
EDS air	BS EN 61000-4-2:2008	Level 3	6KV
RF field susceptibility	BS EN 61000-4-3:2020	Level 3	10V/m
EFT bursts	BS EN 61000-4-4:2012	Level 3	2KV
Surge susceptibility	BS EN 61000-4-5:2014+A1:2017	Level 3	1KV/Lien to Lien
Conducted susceptibility	BS EN 61000-4-6:2013+C1:2015	Level 2	10V/m
Magnetic field immunity	BS EN 61000-4-8:2009	Level 4	30A/m

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.

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 2249R

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)

Taiwan

(Place)

Dec. 23th, 2022

(Date)