

UK DECLARATION OF CONFORMITY



It is hereby declared that following designated product:

Product Type: DC-DC Converter

Model Number: See model list

Product Description: See model list

This declaration applies to all specimens manufactured identical to the samples submitted for testing/evaluation.

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

Assessment of compliance of the product with the requirements relating to electrical equipment(safety) regulations 2016, SI 2016 NO.1101 and electromagnetic compatibility 2016 SI 2016 NO.1091 was performed by Mornsun is based on the following standards:

- EN 62109-1:2010
- BS EN 55032:2015+A11:2020
- BS EN 55035:2017+A11:2020
- BS EN IEC 63000:2018

This declaration is the responsibility of the manufacturer:

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.

No.8, Nanyun Road 4, Huangpu District,Guangzhou GUANGZHOU, GUANGDONG, 510663

Authorised person signing for the company:

Naiqing Xie Regulation Compliance Manager Of MORNSUN

Name in block letters & position in the company

Guangzhou, Feb.1. 2024

Place & date

Legally valid signature

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Model List

Input voltage: 80-1000Vdc Input current: 1A(Max.) .				
Part number	Output voltage	Output current(Max.)	Output power(Max.)	Transformer type
PV50-2YB12R3	12V	3.33A	40W	51402292(A/0-A/9)
PV50-2YB12R3-xxx				
PV50-2YB12WR3				
PV50-2YB12WR3-xxx				
PV50-2YB24R3	24V	2.08A	50W	51402293(A/0-A/9)
PV50-2YB24R3-xxx				
PV50-2YB24WR3				
PV50-2YB24WR3-xxx				

Note:
 1."xxx" is variable ,stands for 1 to 3 characters,for marketing purpose,"x" can be A-Z,0-9 or blank.
 2.With an DC input between 80-150VDC, the output power must be derated as derating curves in specification ;