

## EC DECLARATION OF CONFORMITY



It is hereby declared that following designated product:

**Product Type:** DC-DC Converter

**Model No. and Product Description:** Input voltage: 5(4.5-5.5)Vdc 0.3A

Model number	Input voltage (Vdc)	Input current(mA)	Output voltage (Vdc)	Output current(mA) (Max./Min.)	Output power(W)	Transformer type
B0503S-1WR3 B0503LS-1WR3 F0503S-1WR3 F0503N-1WR3	5V (Tolerance: 4.5-5.5)	415	3.3	303/30	1	51101529(1.6)
B0505S-1WR3 B0505LS-1WR3L B0505LS-1WR3 B0505LS-1WR3L F0505S-1WR3 F0505N-1WR3		370	5	200/20	1	51101528(1.7)
B0509S-1WR3 B0509LS-1WR3 F0509S-1WR3 F0509N-1WR3		370	9	111/12	1	51101532(1.5)
B0512S-1WR3 B0512LS-1WR3 F0512S-1WR3 F0512N-1WR3		370	12	84/9	1	51101533(1.6)
B0515S-1WR3 B0515LS-1WR3 F0515S-1WR3 F0515N-1WR3		370	15	67/7	1	51101534(1.3)
B0524S-1WR3 B0524LS-1WR3 F0524S-1WR3 F0524N-1WR3		370	24	42/4	1	51101535(1.5)

**Complies with** the essential protection requirements of the Low Voltage Directive (EC Directive 2014/35/EU), Electromagnetic Compatibility (Directive 2014/30/EU), Restriction of the Certain Hazardous Substances in electrical and electronic equipment (Directive 2011/65/EU) and their amendments.

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

Assessment of compliance of the product with the requirements relating to Directive 2014/35/EU, Directive 2014/30/EU and Directive 2011/65/EU was performed by Mornsun and UL based on the following standards:

- EN 62368-1:2014+A11:2017
- EN 55032: 2015/A11:2020
- EN 55035: 2017/A11:2020
- EN IEC 61000-3-2:2019
- EN 61000-3-3:2013+A1:2019

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, 14<sup>th</sup> Sep. 2022

*Place & date*

*Naiqing Xie*

*Legally valid signature*