

# Certificate of Conformity

NO.: ENS2205230291S00301C

The following product has been tested by us with the listed standards and found in conformity with the council LVD directive 2014/35/EU. This is to certify that the specimen is in conformity with the assessment requirement mentioned follow. This certificate does not imply assessment to the production of the product.

Applicant : MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY  
CO., LTD.

Address : No.8, Nanyun Road 4, Huangpu District, Guangzhou,  
Guangdong, 510670, P.R. China.

Manufacturer : Same as Applicant

Address : Same as Applicant

Trade Mark : **MORNSUN**

EUT : DC-DC Converter

M/N : See the model list on page 2 for detail.

Technical Data : See the model list on page 2 for detail.

Test Standards : EN 62368-1:2014+A11:2017.

Version : Ver.1.0



(Manager)

June 28, 2022

The certificate is based on a single evaluation of one sample of above-mentioned products, It does not imply an assessment of the whole production and does not permit the use of the test lab. logo .

EMTEK (Shenzhen) Co., Ltd.

Add: Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China [Http://www.emtek.com.cn](http://www.emtek.com.cn) E-mail: [cs.rep@emtek.com.cn](mailto:cs.rep@emtek.com.cn)

**Model List**

Models	Input voltage (Vdc)	Input current (mA) max.	Output voltage (Vdc)		Output current (mA)		Output power (W)	Transformer (T1) type
			Vo+	Vo-	Io+	Io-		
QA053-1509R3*	4.5-5.5	450	+15	-8.7	+80	-40	1.55	51701055 (A/0...A/9)
QA053C-1505R3*		400	+15	-5	+80	-40	1.40	51701056 (A/0...A/9)
QA053C-1803R3*		480	+18	-3.5	+80	-80	1.72	51701058 (A/0...A/9)
QA053C-2004R3*		490	+20	-4	+80	-40	1.76	51701057 (A/0...A/9)

**Remark:**

"\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package; the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

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