CERTIFICATE

Issued to:
Applicant:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Road, Wugu District
New Taipei City 248, Taiwan

Licensee:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Road, Wugu District
New Taipei City 248, Taiwan

Product	:	Independent controlgears
Trade name(s)	:	MEAN WELL
Type(s)/model(s)	:	GSC18B-1050, GSC18B-1400, GSC18B-350, GSC18B-500, GSC18B-700, GSC25B-1050, GSC25B-1400, GSC25B-350, GSC25B-500, GSC25B-700, GSC40B-1050, GSC40B-1400, GSC40B-350, GSC40B-500 and GSC40B-700

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to the standard EN 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2175773

DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 5 January 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-102466

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

Henk Schendstok
Certification Manager

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DUTCH ACCREDITATION
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PRODUCTS
RvA C 001

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SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Independent controlgears
Trade name(s)	:	MEAN WELL
Type(s)/model(s)	:	GSC18B-1050, GSC18B-1400, GSC18B-350, GSC18B-500, GSC18B-700, GSC25B-1050, GSC25B-1400, GSC25B-350, GSC25B-500, GSC25B-700, GSC40B-1050, GSC40B-1400, GSC40B-350, GSC40B-500 and GSC40B-700
Rated input voltage	:	100-240 V~
Rated frequency	:	50/60 Hz
Power factor	:	0,95
Class of insulation	:	Class II
Degree of protection	:	IP 40
Additional information	:	Constant current mode; Thermal, short-circuit and overload protection; with MM signs

Product data – type GSC18B-1050

Rated input current	:	0,6 A
Output current	:	1050 mA
Output voltage range	:	8-17 Vdc
Max. open load voltage	:	25 Vdc
Rated output power	:	max. 17,9 W
Max. case temperature (tc)	:	70 °C
Ambient temperature (ta)	:	50 °C

Product data – type GSC18B-1400

Rated input current	:	0,6 A
Output current	:	1400 mA
Output voltage range	:	6-13 Vdc
Max. open load voltage	:	18 Vdc
Rated output power	:	max. 18,2 W
Max. case temperature (tc)	:	70 °C
Ambient temperature (ta)	:	50 °C

Product data – type GSC18B-350

Rated input current	:	0,6 A
Output current	:	350 mA
Output voltage range	:	26-52 Vdc
Max. open load voltage	:	70 Vdc
Rated output power	:	max. 18,2 W
Max. case temperature (tc)	:	70 °C
Ambient temperature (ta)	:	50 °C

Product data – type GSC18B-500

Rated input current	:	0,6 A
Output current	:	500 mA
Output voltage range	:	18-36 Vdc
Max. open load voltage	:	50 Vdc
Rated output power	:	max. 18 W
Max. case temperature (tc)	:	70 °C
Ambient temperature (ta)	:	50 °C

Product data – type GSC18B-700

Rated input current	:	0,6 A
Output current	:	700 mA
Output voltage range	:	13-26 Vdc
Max. open load voltage	:	35 Vdc
Rated output power	:	max. 18,2 W
Max. case temperature (tc)	:	70 °C
Ambient temperature (ta)	:	50 °C

Product data – type GSC25B-1050

Rated input current	:	0,6 A
Output current	:	1050 mA
Output voltage range	:	12-24 Vdc
Max. open load voltage	:	35 Vdc
Rated output power	:	max. 25,2 W
Max. case temperature (tc)	:	70 °C
Ambient temperature (ta)	:	50 °C

Product data – type GSC25B-1400

Rated input current	:	0,6 A
Output current	:	1400 mA
Output voltage range	:	9-18 Vdc
Max. open load voltage	:	25 Vdc
Rated output power	:	max. 25,2 W
Max. case temperature (tc)	:	70 °C
Ambient temperature (ta)	:	50 °C

Product data – type GSC25B-350

Rated input current	:	0,6 A
Output current	:	350 mA
Output voltage range	:	36-72 Vdc
Max. open load voltage	:	90 Vdc
Rated output power	:	max. 25,2 W
Max. case temperature (tc)	:	70 °C
Ambient temperature (ta)	:	50 °C

Product data – type GSC25B-500

Rated input current	:	0,6 A
Output current	:	500 mA
Output voltage range	:	26-52 Vdc
Max. open load voltage	:	63 Vdc
Rated output power	:	max. 26 W
Max. case temperature (tc)	:	70 °C
Ambient temperature (ta)	:	50 °C

Product data – type GSC25B-700

Rated input current	:	0,6 A
Output current	:	700 mA
Output voltage range	:	18-36 Vdc
Max. open load voltage	:	50 Vdc
Rated output power	:	max. 25,2 W
Max. case temperature (tc)	:	70 °C
Ambient temperature (ta)	:	50 °C

Product data – type GSC40B-1050

Rated input current	:	0,7 A
Output current	:	1050 mA
Output voltage range	:	19-38 Vdc
Max. open load voltage	:	55 Vdc
Rated output power	:	max. 39,6 W
Max. case temperature (tc)	:	80 °C
Ambient temperature (ta)	:	40 °C

Product data – type GSC40B-1400

Rated input current	:	0,7 A
Output current	:	1400 mA
Output voltage range	:	14-28 Vdc
Max. open load voltage	:	40 Vdc
Rated output power	:	max. 39,2 W
Max. case temperature (tc)	:	80 °C
Ambient temperature (ta)	:	40 °C

Product data – type GSC40B-350

Rated input current	:	0,7 A
Output current	:	350 mA
Output voltage range	:	50-100 Vdc
Max. open load voltage	:	120 Vdc
Rated output power	:	max. 35 W
Max. case temperature (tc)	:	80 °C
Ambient temperature (ta)	:	40 °C

Product data – type GSC40B-500

Rated input current	:	0,7 A
Output current	:	500 mA
Output voltage range	:	40-80 Vdc
Max. open load voltage	:	100 Vdc
Rated output power	:	max. 40 W
Max. case temperature (tc)	:	80 °C
Ambient temperature (ta)	:	40 °C

Product data – type GSC40B-700

Rated input current	:	0,7 A
Output current	:	700 mA
Output voltage range	:	29-58 Vdc
Max. open load voltage	:	80 Vdc
Rated output power	:	max. 40,4 W
Max. case temperature (tc)	:	80 °C
Ambient temperature (ta)	:	40 °C

TESTS

Test requirements

EN 61347-1:2015
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 62384:2006
EN 62384:2006/A1:2009

Test result
The test results are laid down in DEKRA test file 434089100.

Additional information
This certificate replaces certificate No. 2182618.01 which we herewith declare invalid.

The list of components is laid down at test report 4340891.50.

Conclusion
The examination proved that all requirements were met.

Factory location
Youngyear Electronics Co.,Ltd.
Jin Zhu Industries Area Qing Xi Town,
523646 Dongguan City, Guangdong, China

Trade name(s) : MEAN WELL stands for