CERTIFICATE

Issued to:
Applicant:

Vossloh-Schwabe Deutschland GmbH
Stuttgarter Strasse 61/1
73614 Schorndorf, Germany

Product   : Electronic emergency units for LED lighting (self-contained)
Trade name(s)   : VS LIGHTING SOLUTIONS
Type(s)/model(s) : EMCc 180.007, EMCc 180.009, EMCc 180.011, EMCc 180.013,
                   EMCc 180.015, EMCc 180.016, EMCc 180.019, EMCc 60.006, EMCc 60.008,
                   EMCc 60.010, EMCc 60.012, EMCc 60.014, EMCc 60.016 and EMCc 60.018

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

DEKRA hereby declares that the above-mentioned product has been certified based on:
- a type test according to EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-7:2012, EN 61347-2-7:2012/A1:2019 and EN 61347-2-7:2012/A2:2022
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2109045

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 and under the conditions of the ENEC certification agreement.

This certificate is issued on 23 May 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-158489

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

Miranda Zhou
Certification Manager

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DUTCH ACCREDITATION
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PRODUCTS
RvAC 001

ENEC 05

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Electronic emergency units for LED lighting (self-contained)
Trade name(s)	:	VS LIGHTING SOLUTIONS
Type(s)/model(s)	:	EMCc 180.007, EMCc 180.009, EMCc 180.011, EMCc 180.013, EMCc 180.015, EMCc 180.016, EMCc 180.019, EMCc 60.006, EMCc 60.008, EMCc 60.010, EMCc 60.012, EMCc 60.014, EMCc 60.016 and EMCc 60.018
Rated voltage	:	220-240 V
Rated frequency	:	50-60 Hz
Supply current	:	max. 35 mA
Rated input power	:	max. 5 W / 7VA
Max case temperature	:	tc = 65 °C
Ambient temperature range	:	ta = +5 °C...+50 °C
Rated duration for emergency operation	:	1h / 3h
Batteries	:	LiFePO4
Output voltage	:	12 V - 55 V / 20 V – 105 V / 100 V – 300 V
Max Output voltage	:	60 V / 120 V / 350 V

Product data – type EMCc 180.007, EMCc 180.009, EMCc 180.011, EMCc 60.006, EMCc 60.008 and EMCc 60.010

Housing	:	Sheet-steel
Classification of installation	:	Built-in
Description	:	Emergency lighting units for LED luminaires class I

Product data – type EMCc 180.019 and EMCc 60.018

Housing	:	PC
Classification of installation	:	Independent, class II, IP20
Description	:	Emergency lighting units for LED luminaires class II

Product data – type EMCc 180.013, EMCc 180.015, EMCc 180.016, EMCc 60.012, EMCc 60.014 and EMCc 60.016

Housing	:	PC
Classification of installation	:	Built-in
Description	:	Emergency lighting units for LED luminaires class II

TESTS

Test requirements
EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-7:2012
EN 61347-2-7:2012/A1:2019
EN 61347-2-7:2012/A2:2022

Test result
The test results are documented in DEKRA test file 343727300.

Additional information

With screwless terminals, all types for internal wiring only (0,5… 1,5 mm²), except EMCc 60.018 and EMCc 180.019 for external wiring (0,5… 1,5 mm²).
Types EMCc 180.007, EMCc 180.009, EMCc 180.011, EMCc 60.006, EMCc 60.008 and EMCc 60.010 are Standard emergency lighting units.
Types EMCc 180.013, EMCc 180.015, EMCc 180.016, EMCc 180.019, EMCc 60.012, EMCc 60.016, EMCc 60.014 and EMCc 60.018… are Emergency lighting units with self-test (IT with 12h charging time).

The list of components is laid down in test report 3434023.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location